

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090376.D
 Acq On : 5 Oct 2016 12:47
 Operator : UM/SJ
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

SOHIL
 10/6/2016 5:27:10 PM

Quant Time: Oct 05 13:39:39 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 13:33:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	226454	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	971444	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	467546	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	771462	20.00	ng	0.00
75) Chrysene-d12	14.20	240	607136	20.00	ng	0.00
86) Perylene-d12	15.70	264	373975	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	1244362	86.67	ng	0.00
7) Phenol-d6	6.62	99	1568510	87.40	ng	0.00
23) Nitrobenzene-d5	7.57	82	1647680	98.87	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	327506	80.65	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2520591	87.90	ng	0.00
78) Terphenyl-d14	13.14	244	2102332	80.62	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.71	88	300267	42.85	ng	94
3) Pyridine	3.49	79	862669	46.44	ng	86
4) n-Nitrosodimethylamine	3.43	42	351735	52.27	ng	# 67
6) Aniline	6.66	93	1140194	46.24	ng	97
8) 2-Chlorophenol	6.78	128	648843	40.22	ng	88
9) Benzaldehyde	6.54	77	397189	47.68	ng	88
10) Phenol	6.63	94	886462	40.61	ng	99
11) bis(2-Chloroethyl)ether	6.74	93	753853	48.63	ng	95
12) 1,3-Dichlorobenzene	6.94	146	653440	39.00	ng	# 91
13) 1,4-Dichlorobenzene	7.02	146	721655	42.41	ng	98
14) 1,2-Dichlorobenzene	7.17	146	607321	37.54	ng	94
15) Benzyl Alcohol	7.14	79	580263	45.87	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1284455	54.22	ng	97
17) 2-Methylphenol	7.25	107	545765	43.67	ng	99
18) Hexachloroethane	7.53	117	272313	44.23	ng	91
19) n-Nitroso-di-n-propylamine	7.42	70	613989	53.57	ng	# 82
20) 3+4-Methylphenols	7.41	107	754205	47.47	ng	# 62
22) Acetophenone	7.41	105	881616	39.20	ng	# 98
24) Nitrobenzene	7.58	77	758189	42.61	ng	94
25) Isophorone	7.83	82	1427283	45.02	ng	96
26) 2-Nitrophenol	7.90	139	330963	48.20	ng	# 73
27) 2,4-Dimethylphenol	7.94	122	612017	39.51	ng	94
28) bis(2-Chloroethoxy)methane	8.04	93	940644	47.78	ng	97
29) 2,4-Dichlorophenol	8.14	162	465703	36.72	ng	86
30) 1,2,4-Trichlorobenzene	8.23	180	539904	38.01	ng	98
31) Naphthalene	8.31	128	1774693	38.22	ng	99
32) Benzoic acid	8.05	122	448388	49.22	ng	94
33) 4-Chloroaniline	8.36	127	826999	44.59	ng	95
34) Hexachlorobutadiene	8.44	225	292248	34.95	ng	98
35) Caprolactam	8.74	113	170517	51.41	ng	# 67
36) 4-Chloro-3-methylphenol	8.84	107	663860	48.75	ng	98
37) 2-Methylnaphthalene	9.01	142	1225305	42.05	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	465902	35.30	ng	# 98
40) Hexachlorocyclopentadiene	9.17	237	282912	36.66	ng	97

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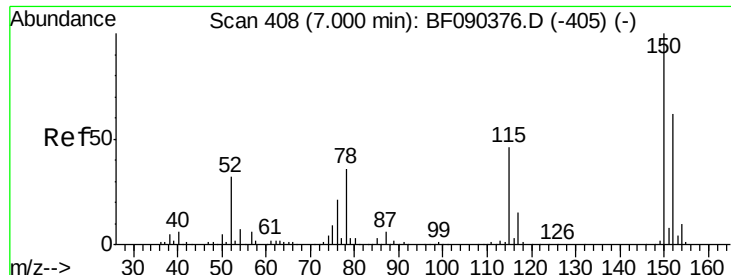
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	390055	46.98	nq	98
43) 2,4,5-Trichlorophenol	9.32	196	311382	37.27	nq	94
45) 1,1'-Biphenyl	9.48	154	1443254	39.87	nq	94
46) 2-Chloronaphthalene	9.50	162	1158780	42.65	nq	96
47) 2-Nitroaniline	9.59	65	431231	58.15	nq	# 81
48) Acenaphthylene	9.91	152	1652201	40.20	nq	99
49) Dimethylphthalate	9.78	163	1288598	46.56	nq	98
50) 2,6-Dinitrotoluene	9.83	165	295195	48.76	nq	# 83
51) Acenaphthene	10.09	154	1032010	41.26	nq	98
52) 3-Nitroaniline	10.01	138	345780	50.42	nq	# 82
53) 2,4-Dinitrophenol	10.10	184	116928	63.88	nq	# 1
54) Dibenzofuran	10.26	168	1302345	39.38	nq	# 90
55) 4-Nitrophenol	10.15	139	312933	57.30	nq	87
56) 2,4-Dinitrotoluene	10.23	165	366817	50.34	nq	# 37
57) Fluorene	10.60	166	1155685	41.77	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	228973m	38.87	nq	
59) Diethylphthalate	10.47	149	1246581	44.06	nq	# 92
60) 4-Chlorophenyl-phenylether	10.60	204	580308	44.23	nq	90
61) 4-Nitroaniline	10.61	138	310915	50.40	nq	94
62) Azobenzene	10.76	77	1610493	54.63	nq	91
64) 4,6-Dinitro-2-methylphenol	10.65	198	199925	67.93	nq	# 65
65) n-Nitrosodiphenylamine	10.71	169	1050468	39.93	nq	98
66) 4-Bromophenyl-phenylether	11.09	248	331087	39.71	nq	92
67) Hexachlorobenzene	11.16	284	366223	37.37	nq	# 91
68) Atrazine	11.24	200	260445	41.35	nq	97
69) Pentachlorophenol	11.34	266	191941	34.95	nq	99
70) Phenanthrene	11.57	178	1627126	39.31	nq	99
71) Anthracene	11.62	178	1550752	37.54	nq	98
72) Carbazole	11.78	167	1642796	43.25	nq	98
73) Di-n-butylphthalate	12.11	149	2002892	44.13	nq	98
74) Fluoranthene	12.76	202	1415300	36.05	nq	96
76) Benzidine	12.88	184	613075	36.72	nq	98
77) Pyrene	12.99	202	1525691	39.25	nq	99
79) Butylbenzylphthalate	13.62	149	802367	52.37	nq	96
80) Benzo(a)anthracene	14.19	228	1348633	39.61	nq	98
81) 3,3'-Dichlorobenzidine	14.14	252	435431	37.13	nq	# 96
82) Chrysene	14.22	228	1240479	38.89	nq	100
83) Bis(2-ethylhexyl)phthalate	14.18	149	1201637	49.03	nq	100
84) Di-n-octyl phthalate	14.80	149	1729706	48.57	nq	95
85) Indeno(1,2,3-cd)pyrene	17.22	276	839267	24.48	nq	# 93
87) Benzo(b)fluoranthene	15.26	252	1043834	48.54	nq	98
88) Benzo(k)fluoranthene	15.29	252	842160m	41.00	nq	
89) Benzo(a)pyrene	15.64	252	851127	43.39	nq	99
90) Dibenzo(a,h)anthracene	17.24	278	705150	36.66	nq	# 93
91) Benzo(g,h,i)perylene	17.69	276	673743	35.76	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:152 Resp: 226454

Ion Ratio Lower Upper

152 100

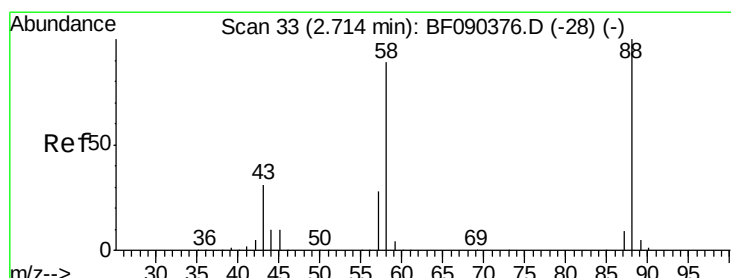
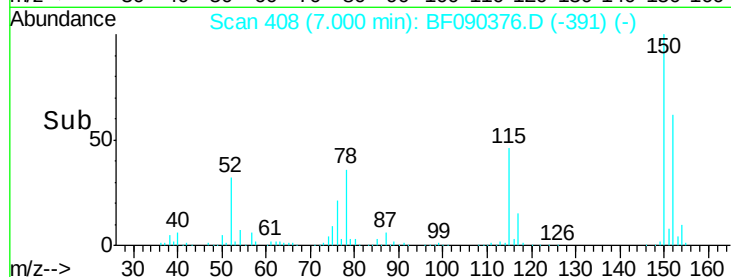
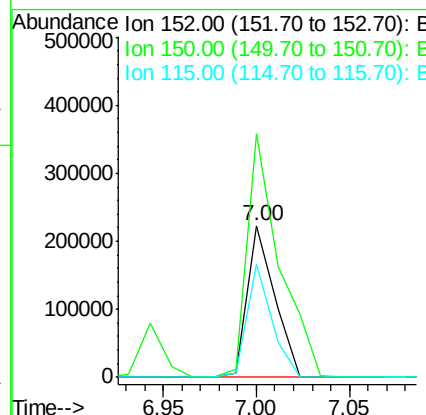
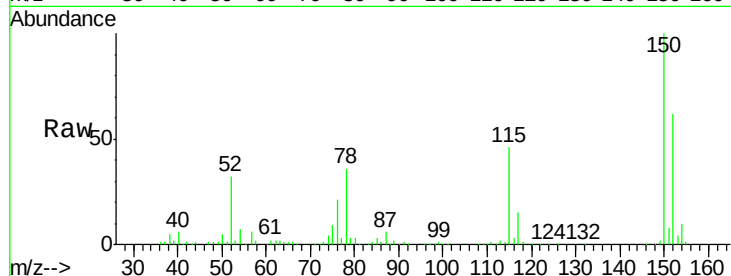
150 160.6 124.6 186.8

115 74.5 46.2 69.4#

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#2

1,4-Dioxane

Concen: 42.85 ng

RT: 2.71 min Scan# 33

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

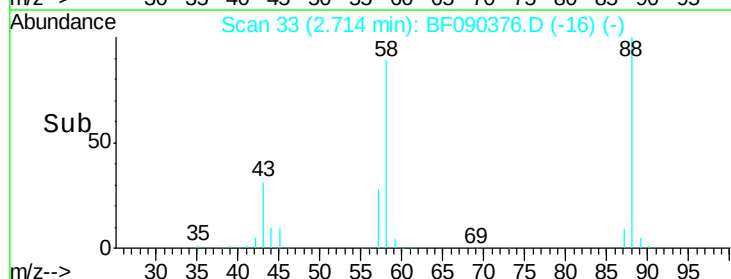
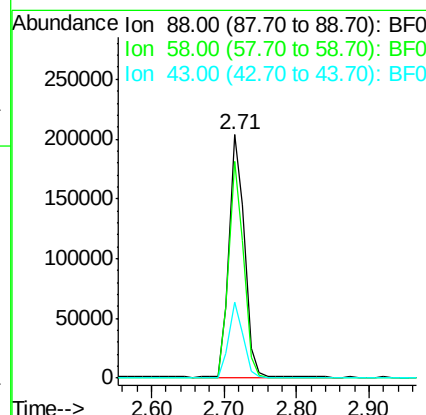
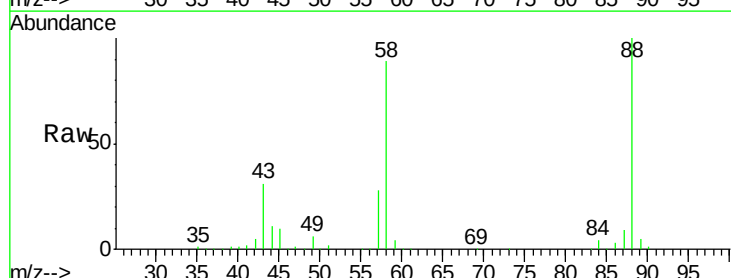
Tgt Ion: 88 Resp: 300267

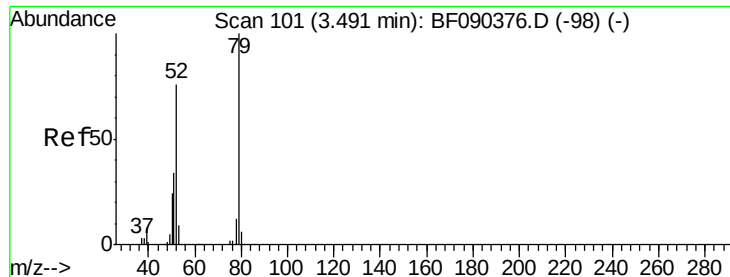
Ion Ratio Lower Upper

88 100

58 86.3 71.2 106.8

43 30.0 29.8 44.6





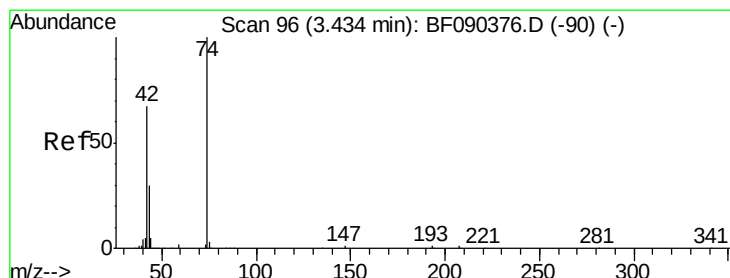
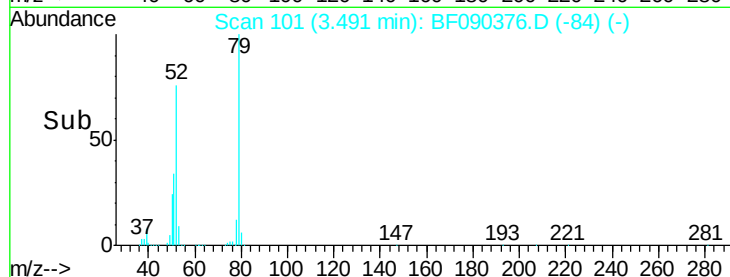
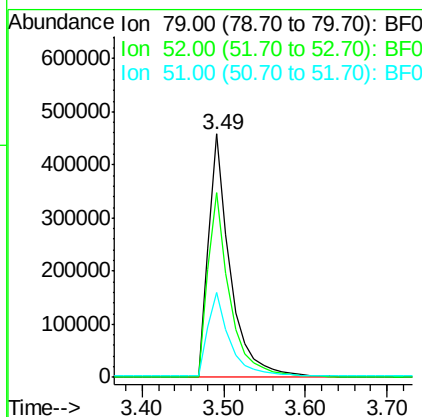
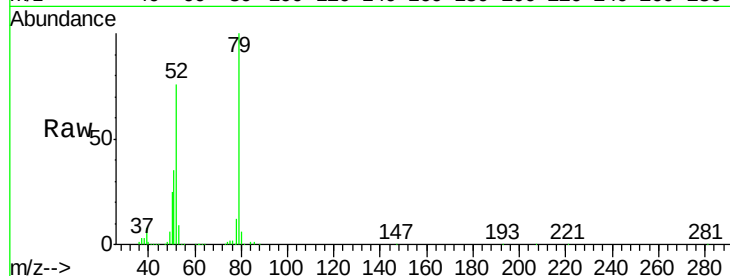
#3
 Pvridine
 Concen: 46.44 ng
 RT: 3.49 min Scan# 101
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.7	71.3	106.9
51	35.0	34.5	51.7

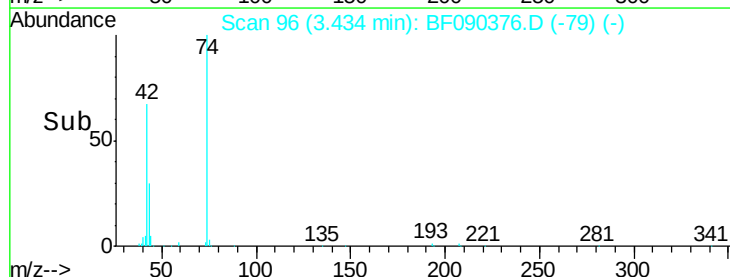
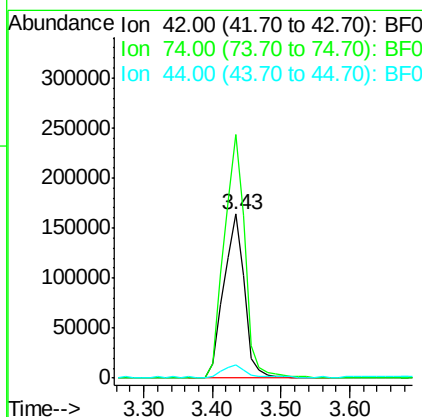
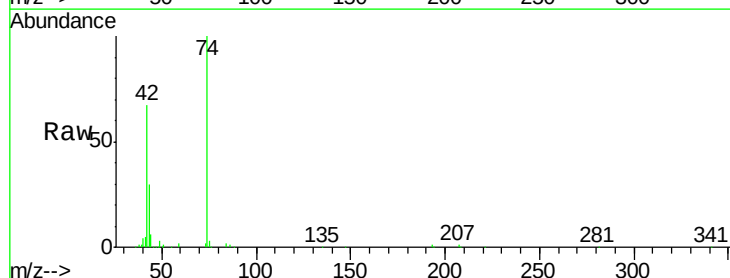
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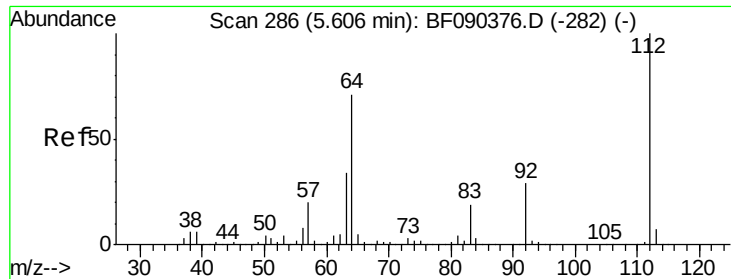
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#4
 n-Nitrosodimethylamine
 Concen: 52.27 ng
 RT: 3.43 min Scan# 96
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
42	100		
74	148.8	88.9	133.3#
44	8.4	6.5	9.7





#5

2-Fluorophenol

Concen: 86.67 ng

RT: 5.61 min Scan# 286

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:112 Resp: 1244362

Ion Ratio Lower Upper

112 100

64 71.3 57.9 86.9

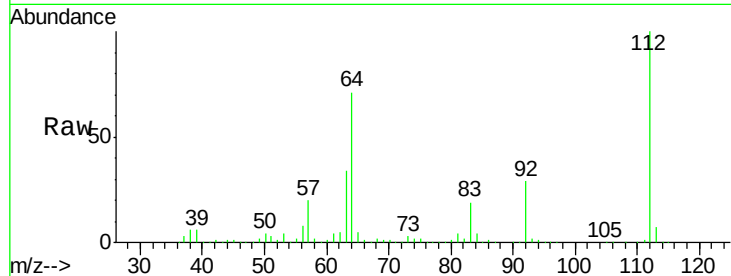
63 34.1 29.6 44.4

Manual Integrations

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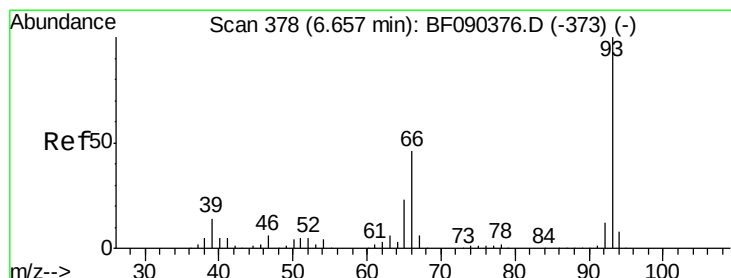
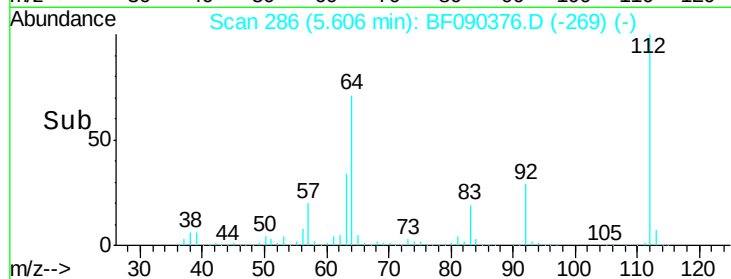
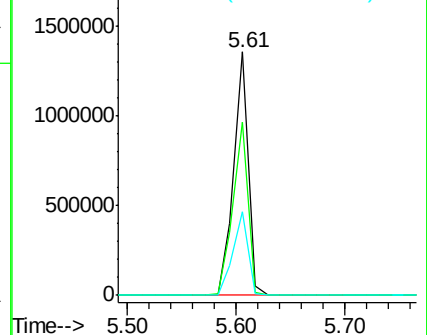
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Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 46.24 ng

RT: 6.66 min Scan# 378

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

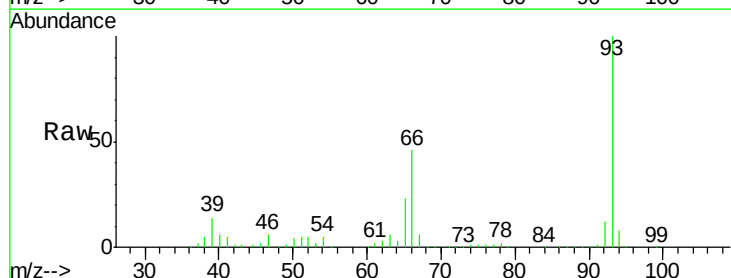
Tgt Ion: 93 Resp: 1140194

Ion Ratio Lower Upper

93 100

66 45.7 34.5 51.7

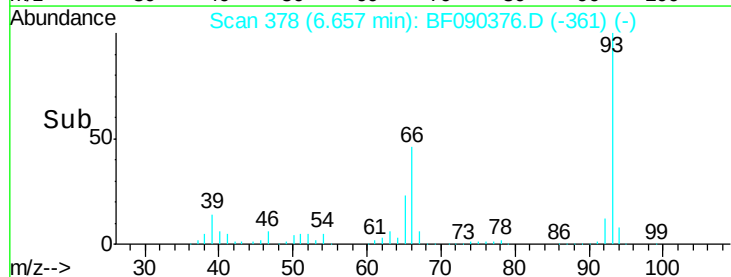
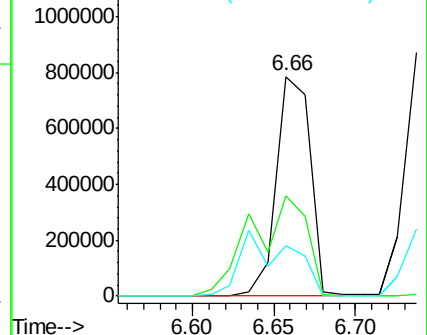
65 23.0 18.2 27.2

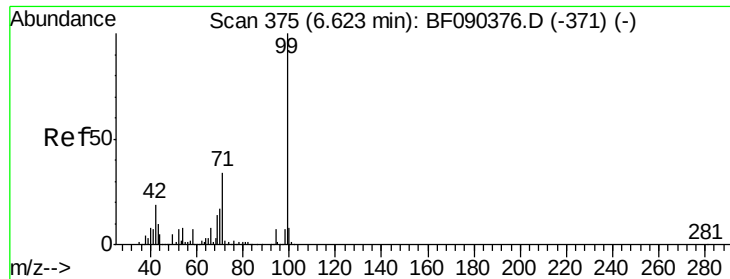


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 87.40 ng

RT: 6.62 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 99 Resp: 1568510

Ion Ratio Lower Upper

99 100

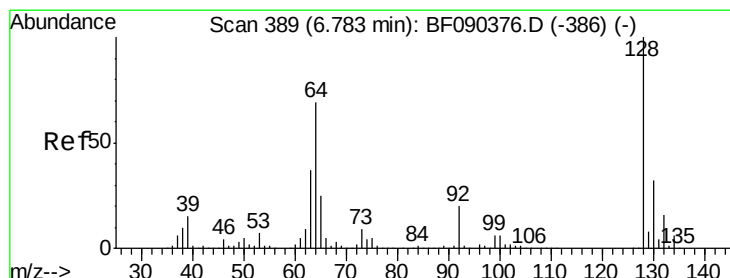
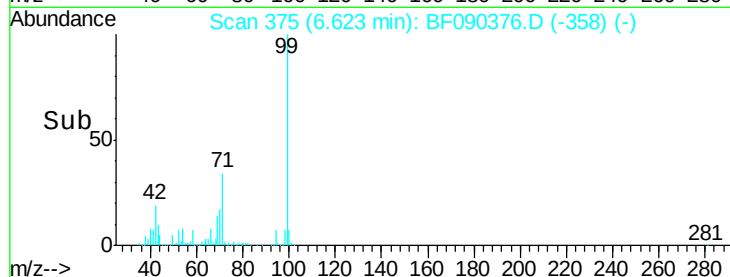
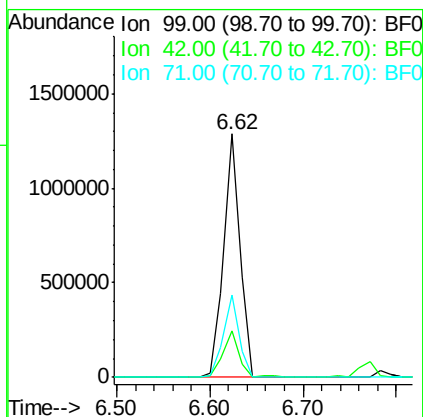
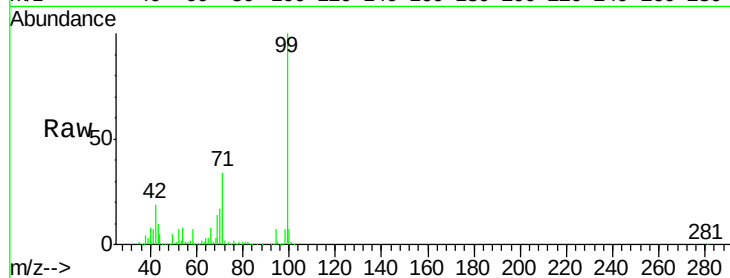
42 19.0 20.0 30.0#

71 33.8 27.9 41.9

Manual Integrations
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#8

2-Chlorophenol

Concen: 40.22 ng

RT: 6.78 min Scan# 389

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

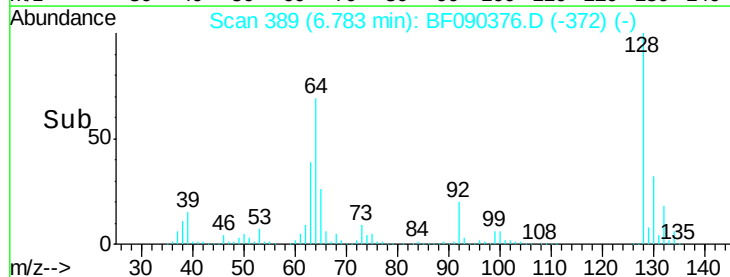
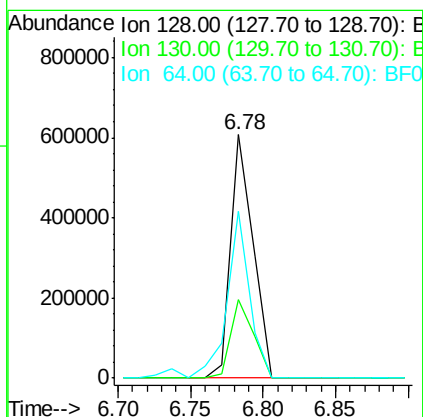
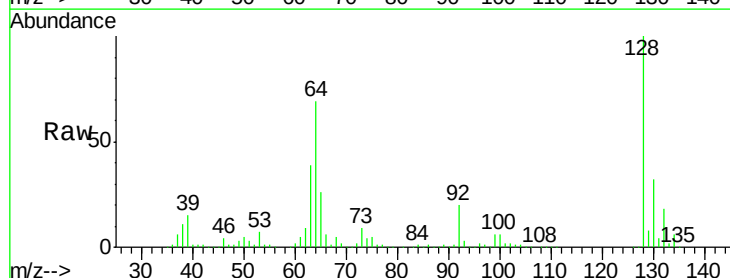
Tgt Ion: 128 Resp: 648843

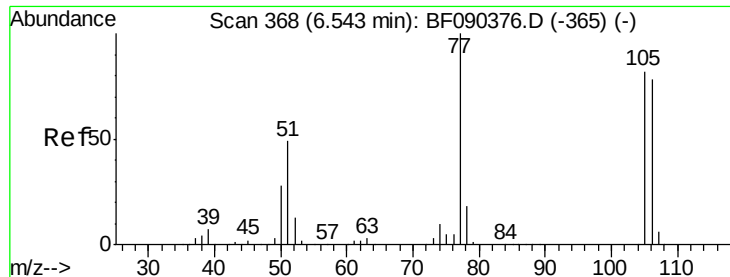
Ion Ratio Lower Upper

128 100

130 32.2 13.3 53.3

64 68.8 36.0 76.0





#9

Benzaldehyde

Concen: 47.68 ng

RT: 6.54 min Scan# 368

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion: 77 Resp: 397189

Ion Ratio Lower Upper

77 100

105 81.7 73.1 113.1

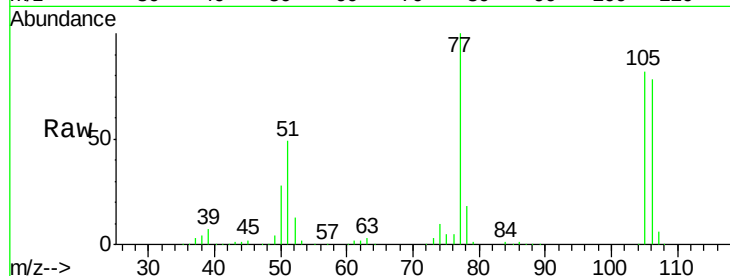
106 77.8 70.2 110.2

Manual Integrations

APPROVED

SOHIL

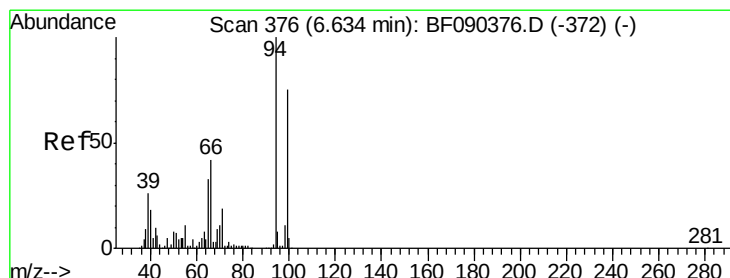
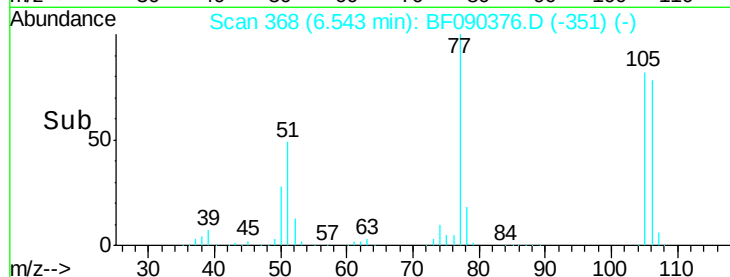
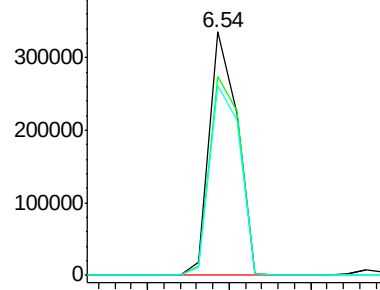
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Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 40.61 ng

RT: 6.63 min Scan# 376

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

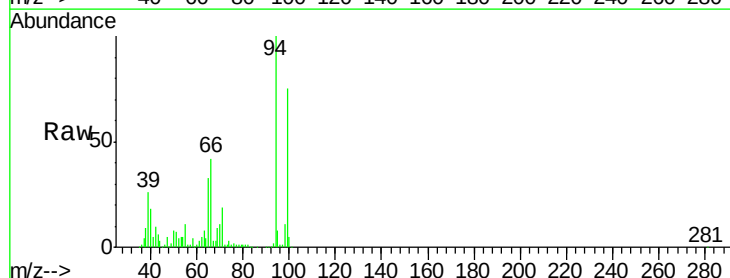
Tgt Ion: 94 Resp: 886462

Ion Ratio Lower Upper

94 100

65 33.1 13.3 53.3

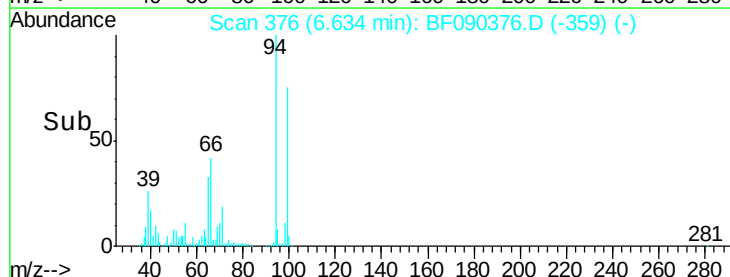
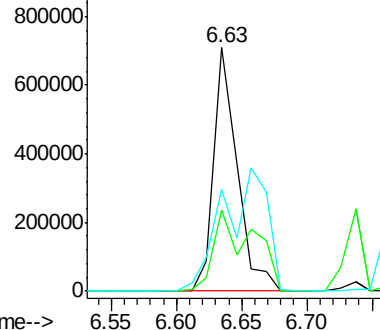
66 41.7 20.4 60.4

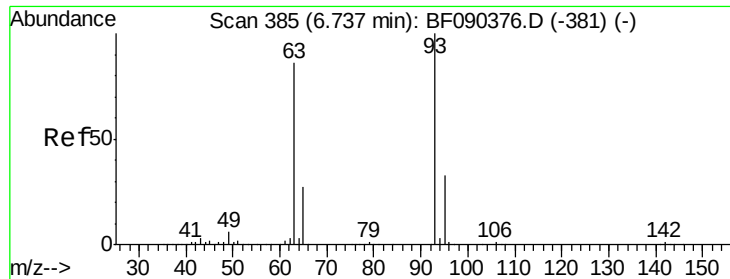


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





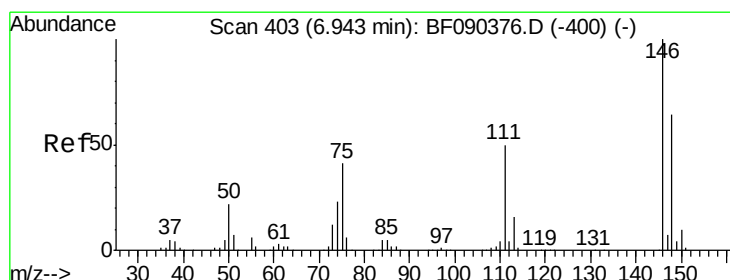
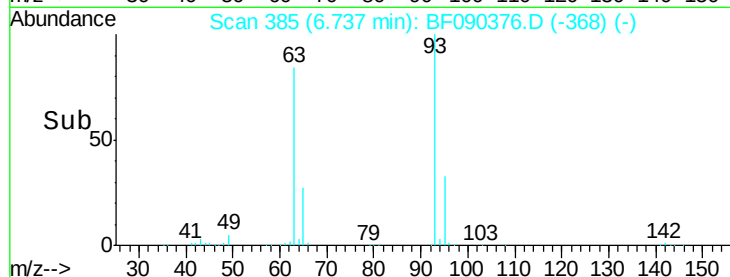
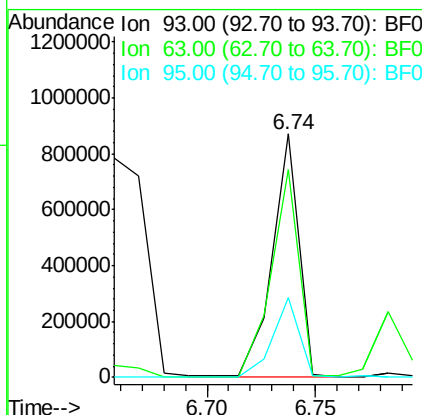
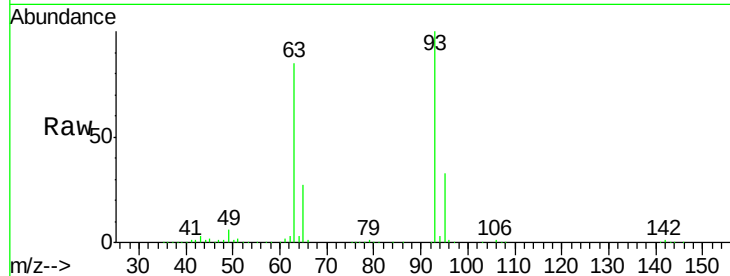
#11
bis(2-Chloroethyl)ether
Concen: 48.63 ng
RT: 6.74 min Scan# 385
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		753853		
63	85.2	59.7	99.7		
95	32.5	14.0	54.0		

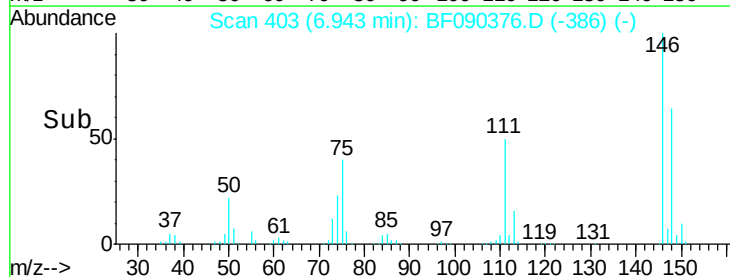
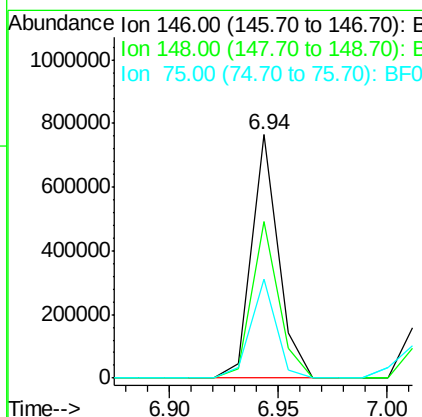
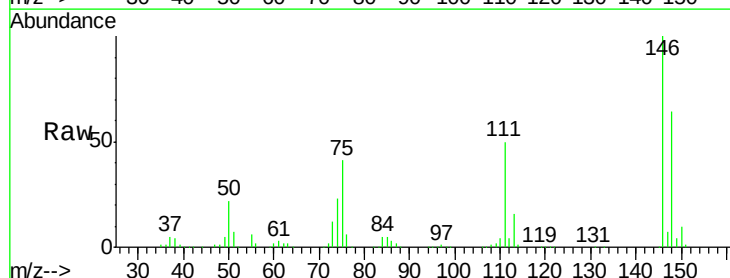
Manual Integrations
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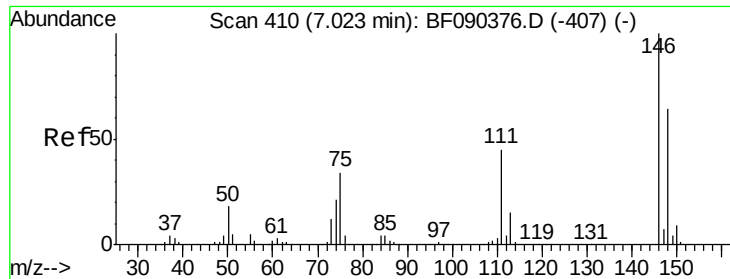
SOHIL
10/6/2016 5:27:10 PM



#12
1,3-Dichlorobenzene
Concen: 39.00 ng
RT: 6.94 min Scan# 403
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		653440		
148	64.2	52.2	78.4		
75	40.5	21.4	32.2		





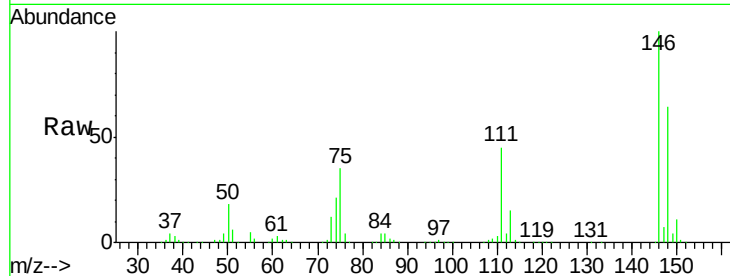
#13
 1,4-Dichlorobenzene
 Concen: 42.41 ng
 RT: 7.02 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.1	76.7
111	45.1	37.8	56.6

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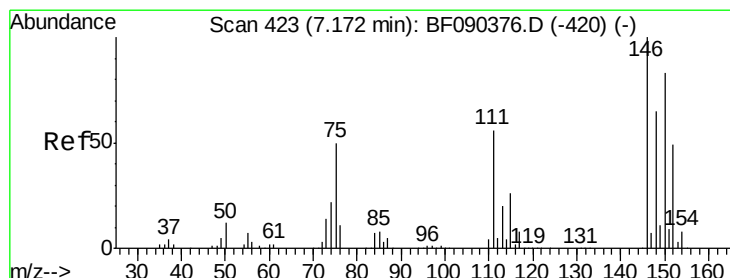
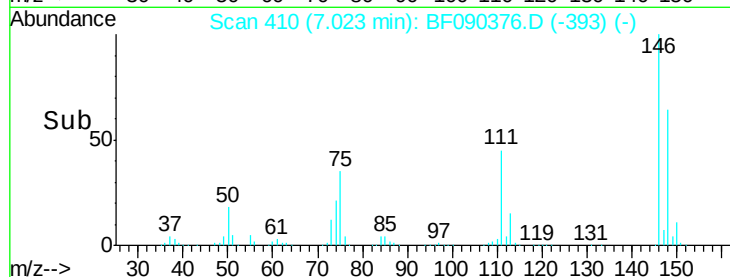
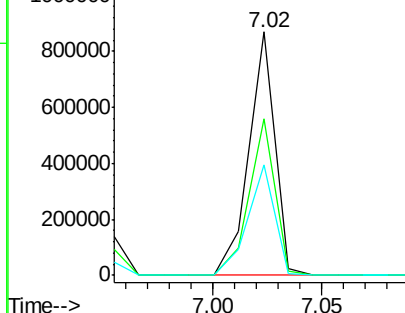


Abundance

Ion 146.00 (145.70 to 146.70): E

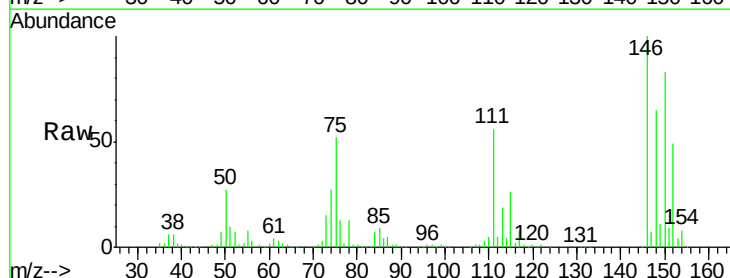
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 37.54 ng
 RT: 7.17 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.3	78.5
111	56.1	38.2	57.4

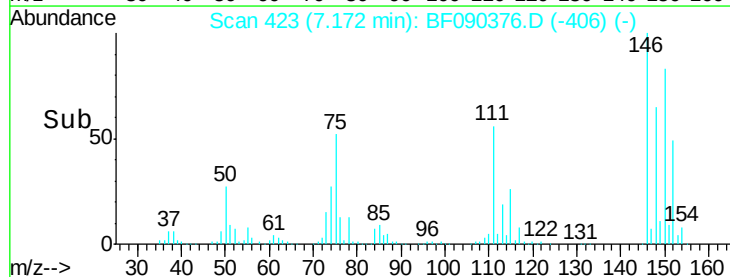
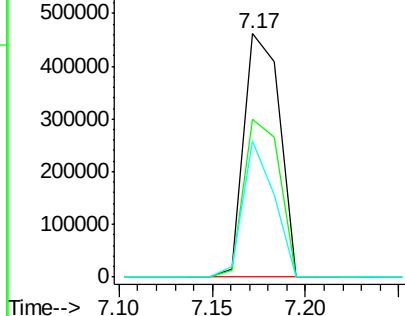


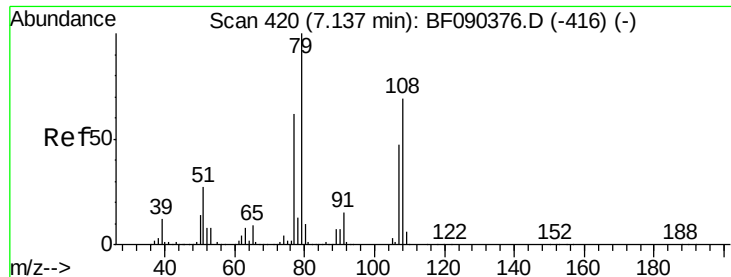
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 45.87 ng

RT: 7.14 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Instrument :

BNA_F

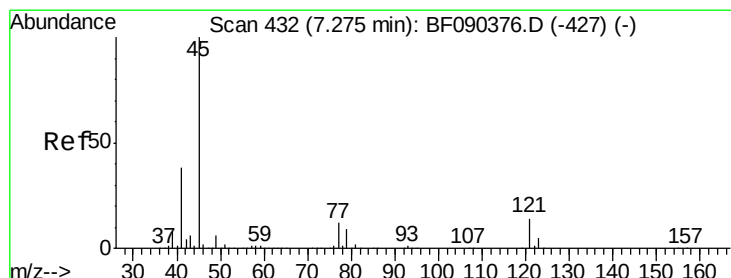
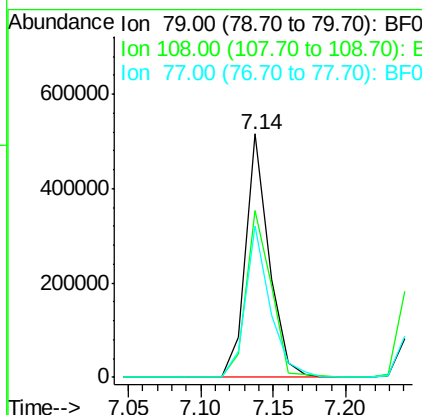
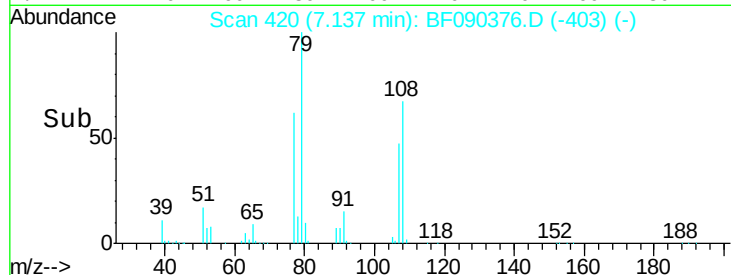
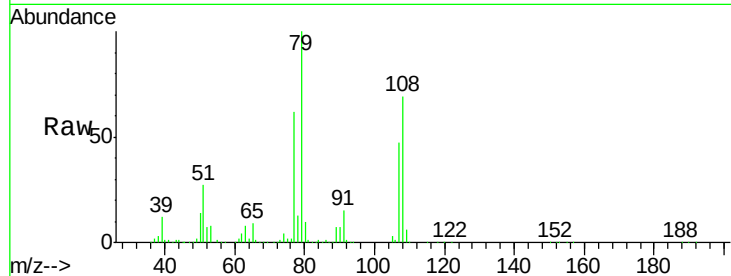
ClientSampleId :

SSTDICCC040

Tot Ion:	79	Resp:	580263
Ion Ratio	Lower	Upper	
79	100		
108	68.6	60.9	91.3
77	62.2	51.5	77.3

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#16

2,2'-oxybis(1-chloropropane)

Concen: 54.22 ng

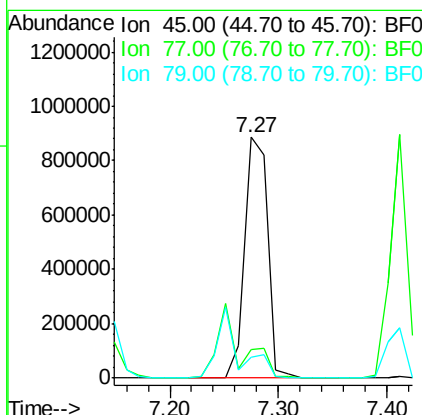
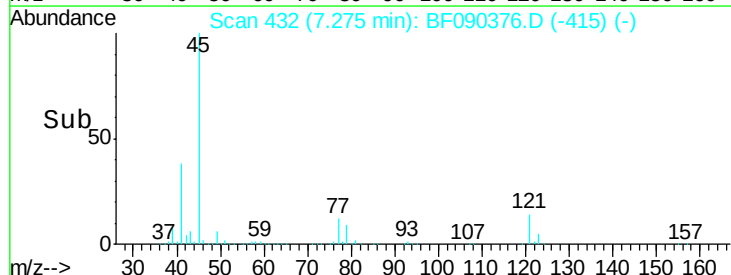
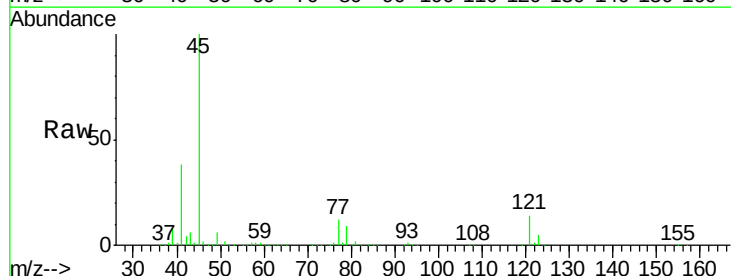
RT: 7.27 min Scan# 432

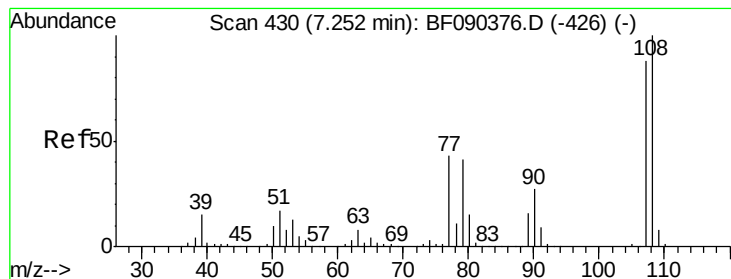
Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Tgt Ion:	45	Resp:	1284455
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	30.8
79	8.7	0.0	28.2





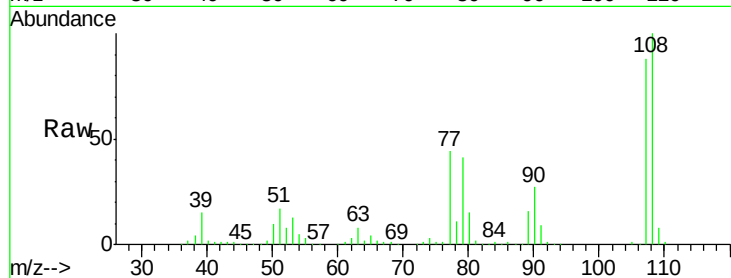
#17
2-Methylphenol
Concen: 43.67 ng
RT: 7.25 min Scan# 430
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

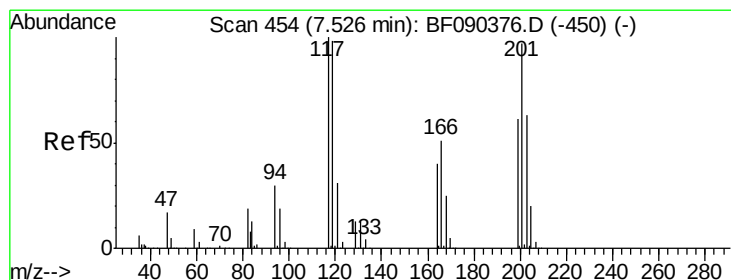
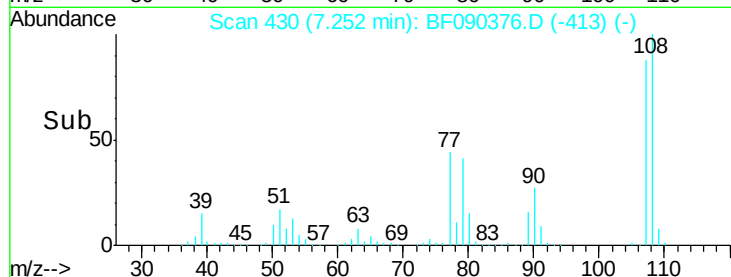
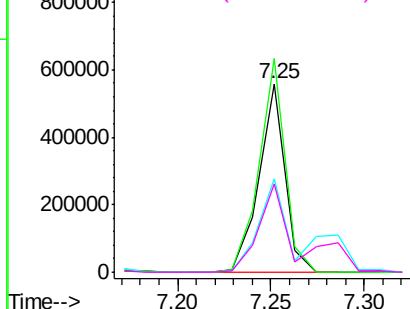
Tot Ion	107	Resp	545765
Ion Ratio	Lower	Upper	
107	100		
108	113.2	90.9	136.3
77	49.3	38.2	57.4
79	46.8	37.0	55.4

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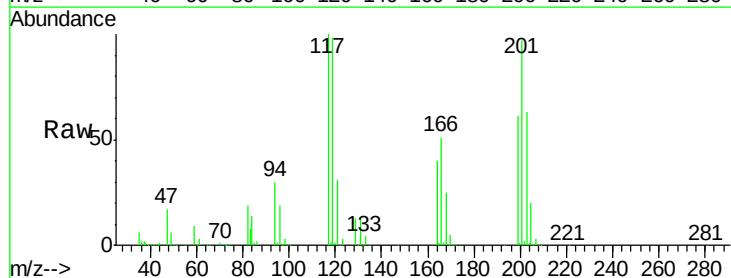


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

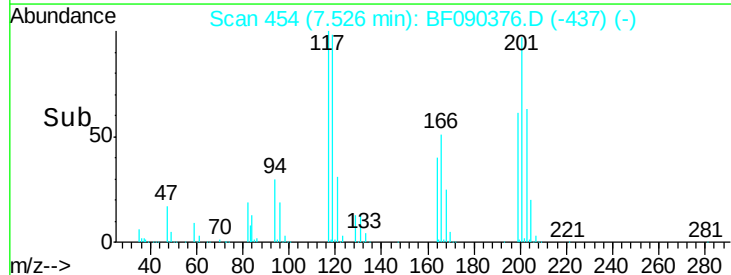
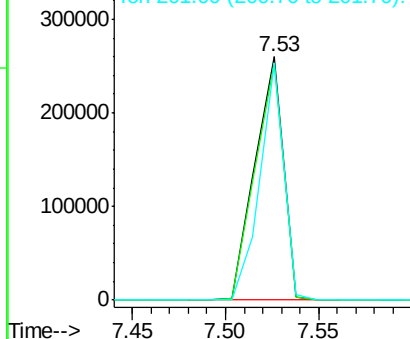


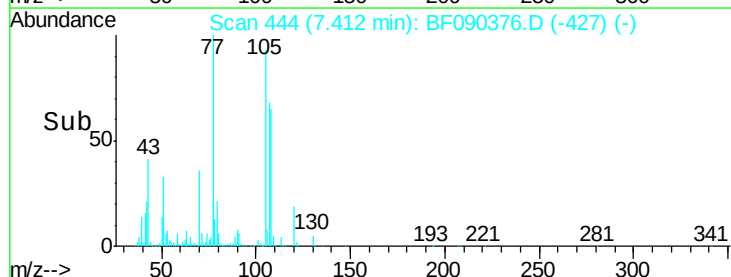
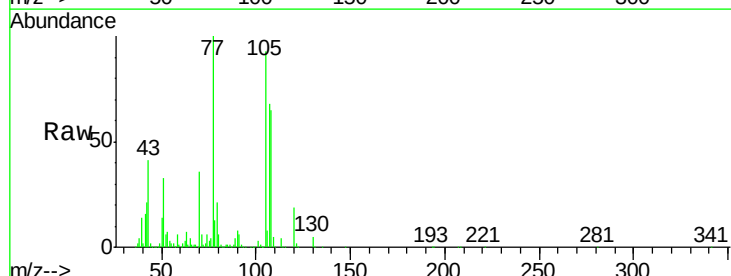
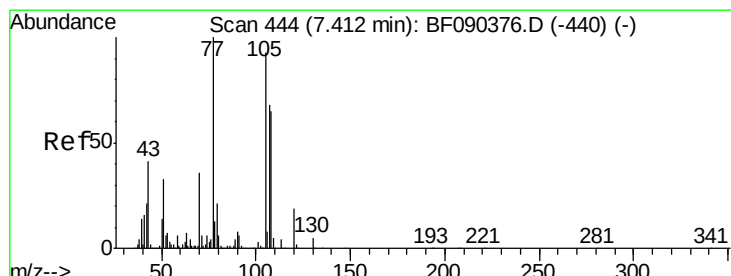
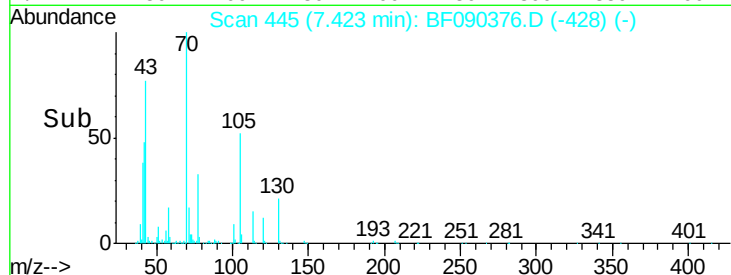
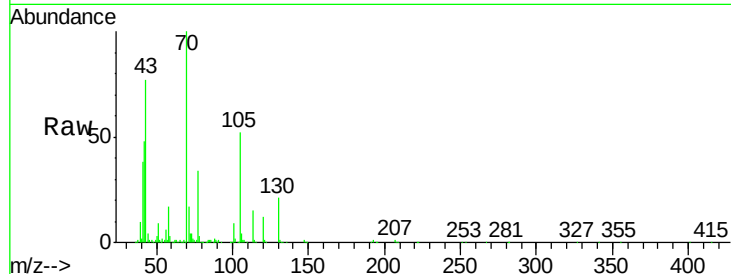
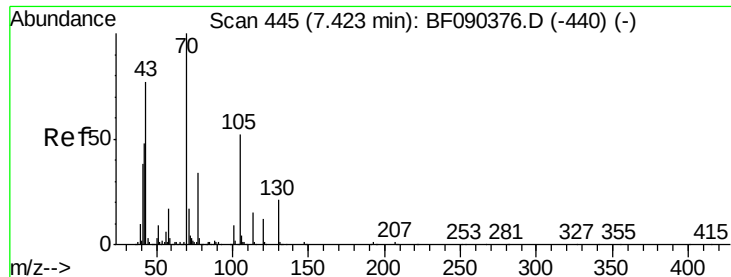
#18
Hexachloroethane
Concen: 44.23 ng
RT: 7.53 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	117	Resp	272313
Ion Ratio	Lower	Upper	
117	100		
119	97.6	75.9	113.9
201	97.3	66.5	99.7



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





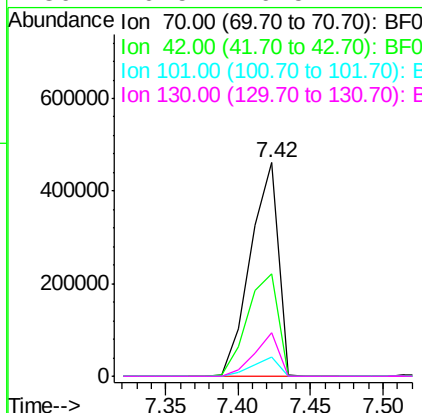
#19
n-Nitroso-di-n-propylamine
Concen: 53.57 ng
RT: 7.42 min Scan# 445
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.0	55.4	83.2#
101	9.2	7.6	11.4
130	20.5	16.5	24.7

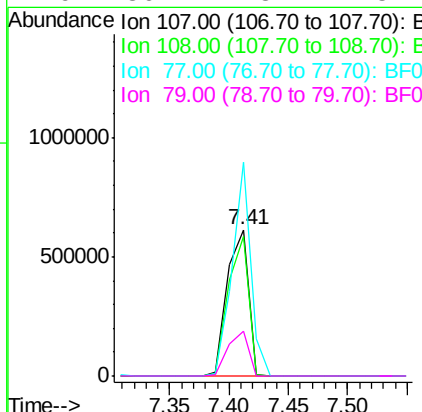
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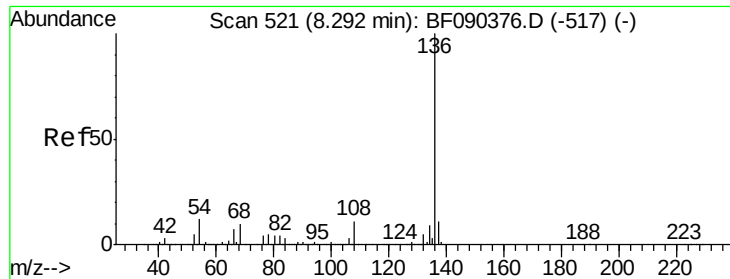
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#20
3+4-Methylphenols
Concen: 47.47 ng
RT: 7.41 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.3	66.7	106.7
77	146.3	53.7	93.7#
79	30.4	8.4	48.4





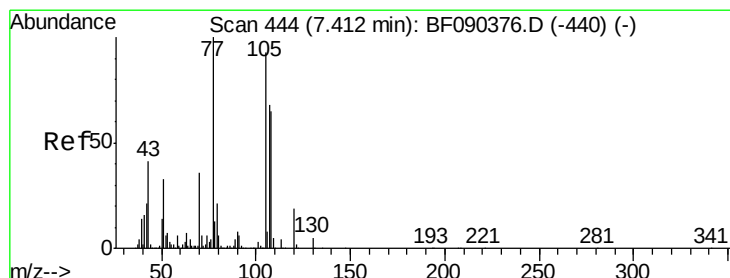
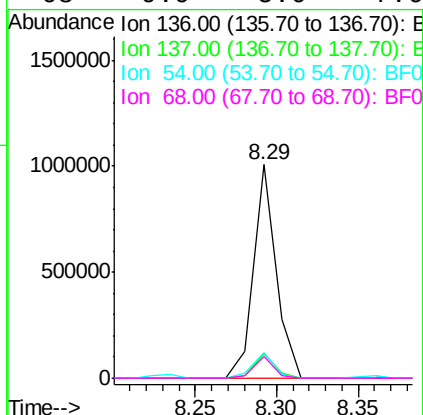
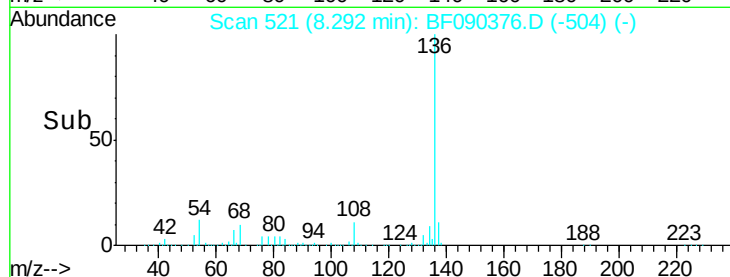
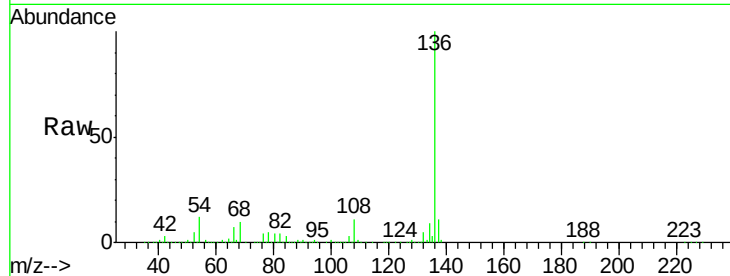
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.29 min Scan# 521
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		971444		
137	11.4		9.0	13.6	
54	12.1		6.6	10.0	
68	9.9		5.0	7.6	

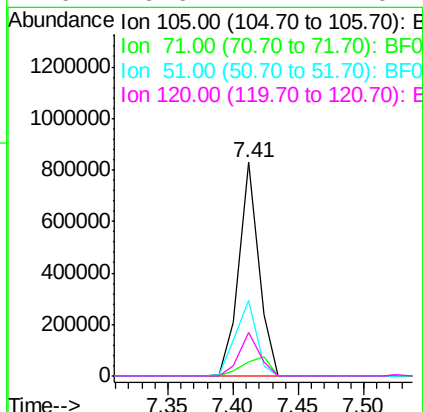
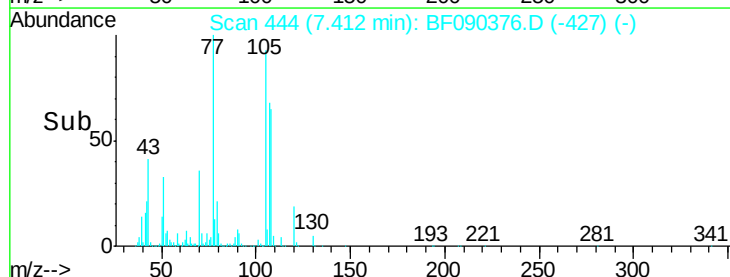
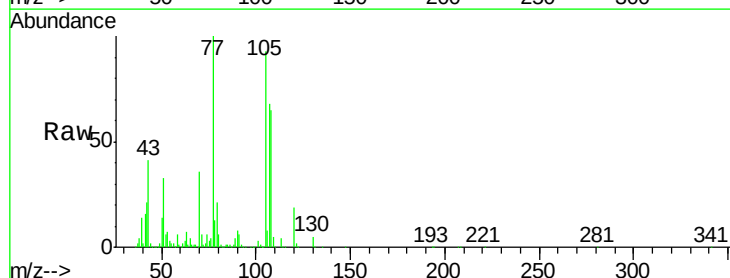
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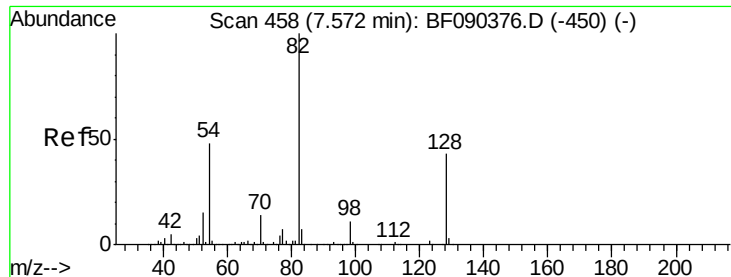
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#22
Acetophenone
Concen: 39.20 ng
RT: 7.41 min Scan# 444
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		881616		
71	6.8		3.8	5.6	
51	35.4		28.2	42.4	
120	20.6		17.4	26.2	





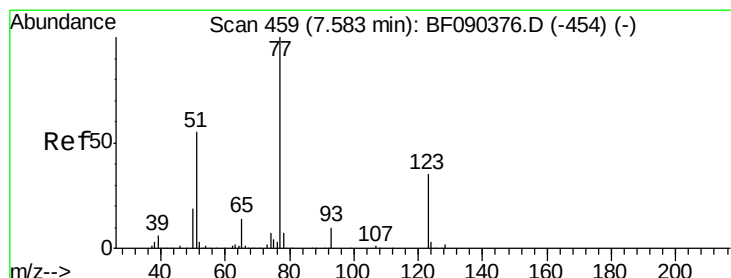
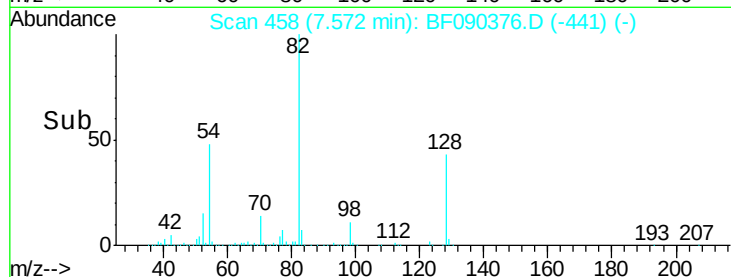
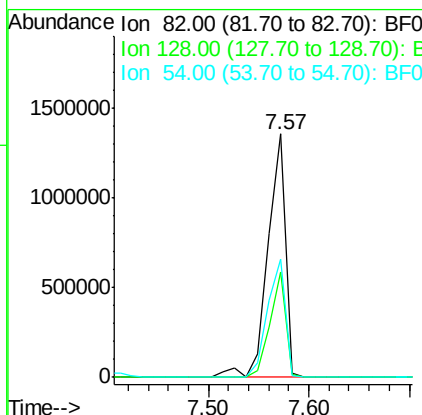
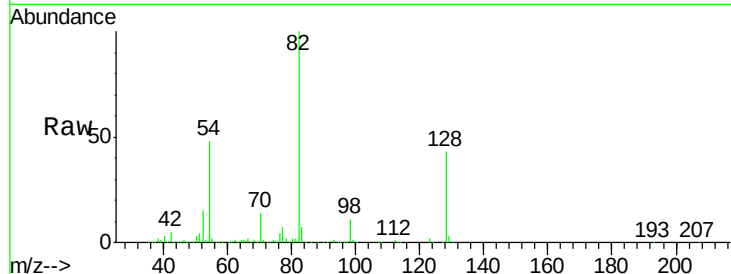
#23
 Nitrobenzene-d5
 Concen: 98.87 ng
 RT: 7.57 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	40.0	60.0
54	48.3	42.6	64.0

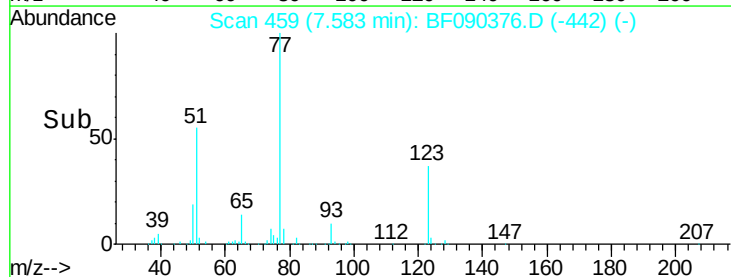
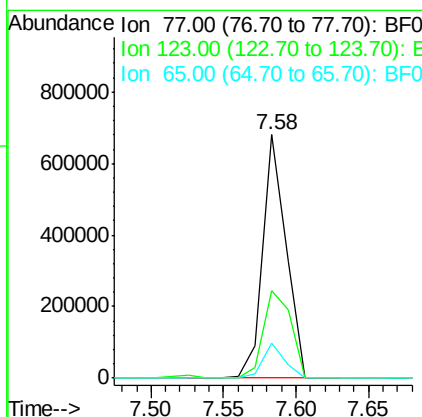
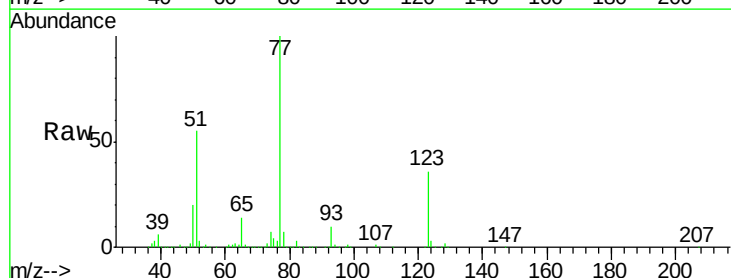
Manual Integrations
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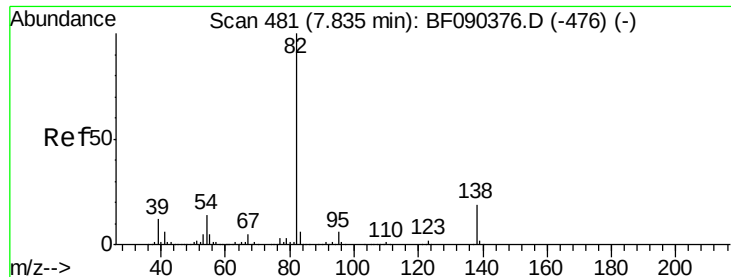
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#24
 Nitrobenzene
 Concen: 42.61 ng
 RT: 7.58 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	36.1	33.0	49.4
65	14.3	12.0	18.0





#25

Isophorone

Concen: 45.02 ng

RT: 7.83 min Scan# 481

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Instrument :

BNA_F

ClientSampled :

SSTDICCC040

Tot Ion: 82 Resp: 1427283

Ion Ratio Lower Upper

82 100

95 6.4 5.2 7.8

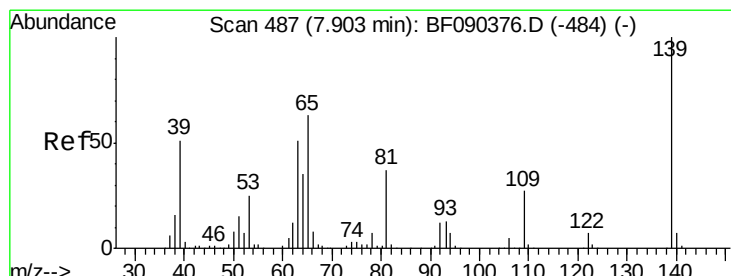
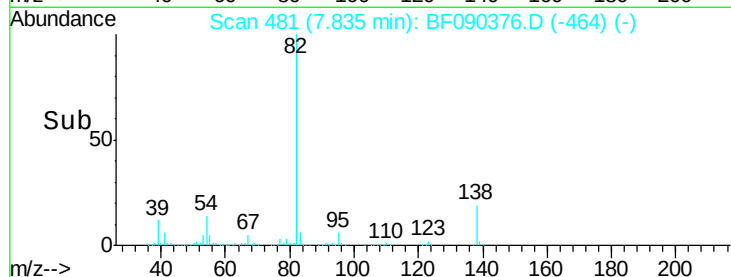
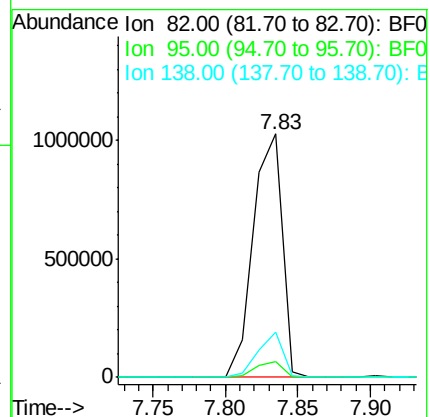
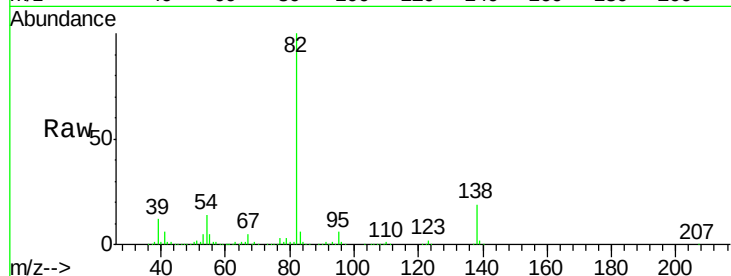
138 18.7 13.0 19.4

Manual Integrations

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10/6/2016 5:27:10 PM



#26

2-Nitrophenol

Concen: 48.20 ng

RT: 7.90 min Scan# 487

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

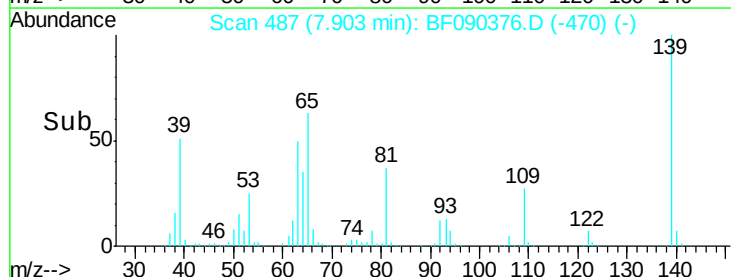
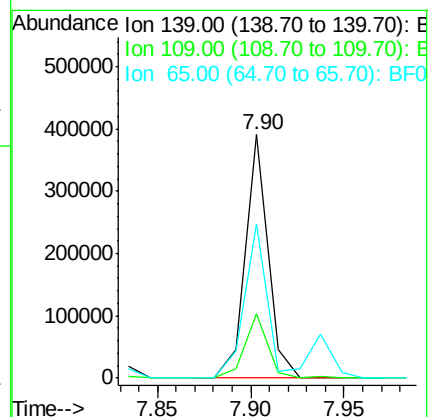
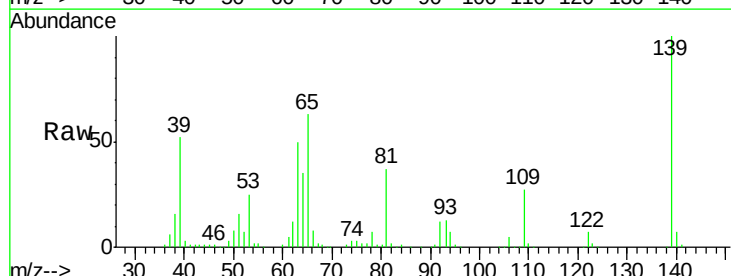
Tgt Ion: 139 Resp: 330963

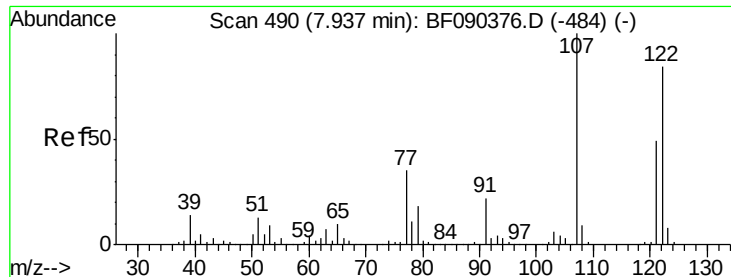
Ion Ratio Lower Upper

139 100

109 26.6 18.9 28.3

65 63.4 31.6 47.4#





#27

2,4-Dimethylphenol

Concen: 39.51 ng

RT: 7.94 min Scan# 490

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Instrument :

BNA_F

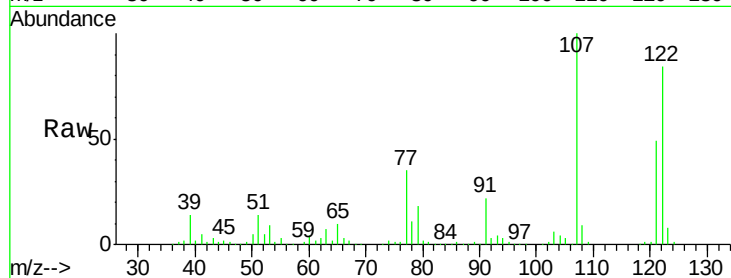
ClientSampleId :

SSTDICCC040

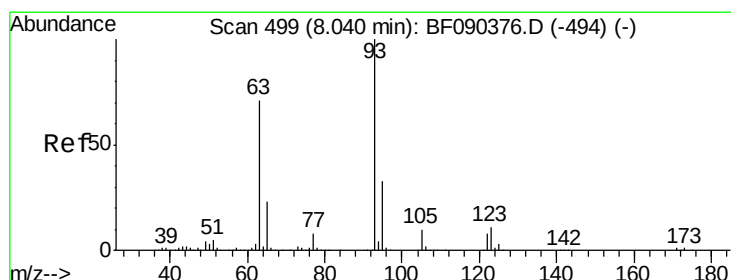
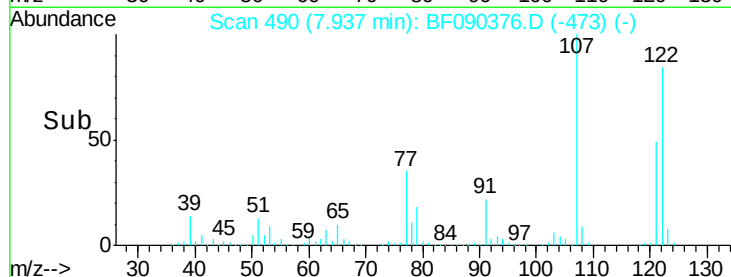
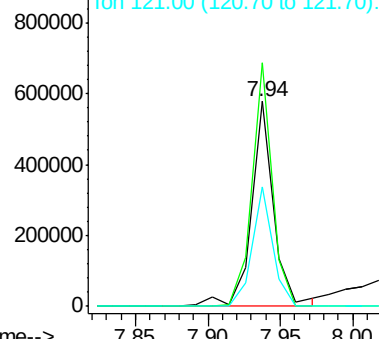
Tot Ion:	122	Resp:	612017
Ion Ratio	Lower	Upper	
122	100		
107	118.9	88.6	132.8
121	58.3	47.5	71.3

Manual Integrations
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.78 ng

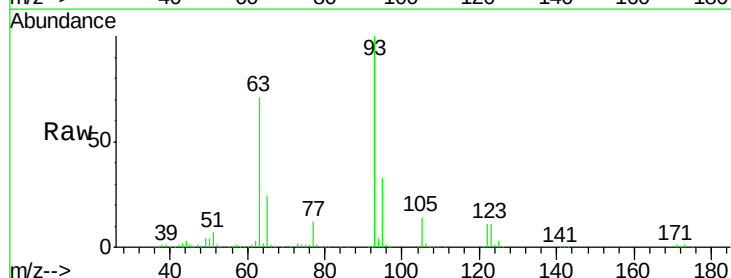
RT: 8.04 min Scan# 499

Delta R.T. 0.00 min

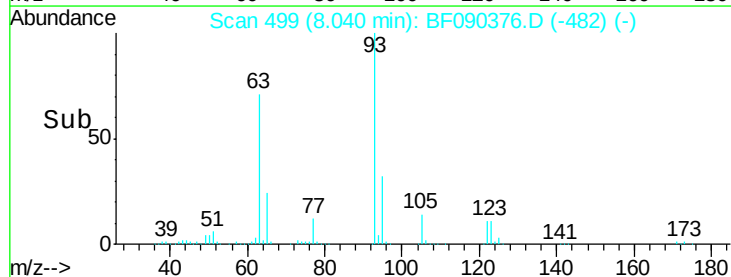
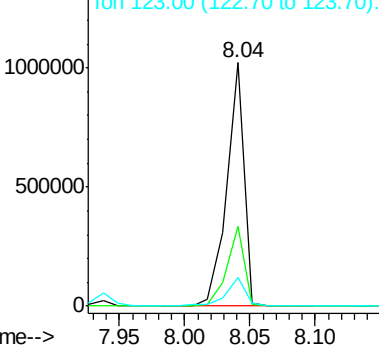
Lab File: BF090376.D

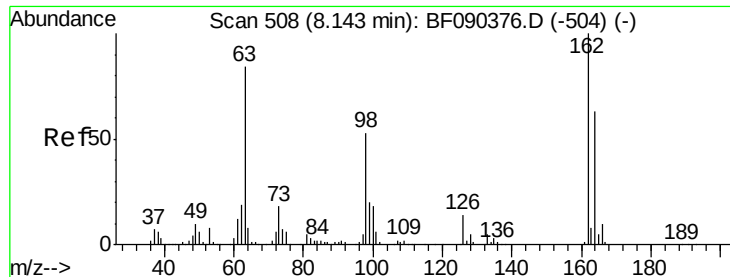
Acq: 5 Oct 2016 12:47

Tgt Ion:	93	Resp:	940644
Ion Ratio	Lower	Upper	
93	100		
95	32.6	27.0	40.4
123	11.5	11.1	16.7



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 123.00 (122.70 to 123.70): E





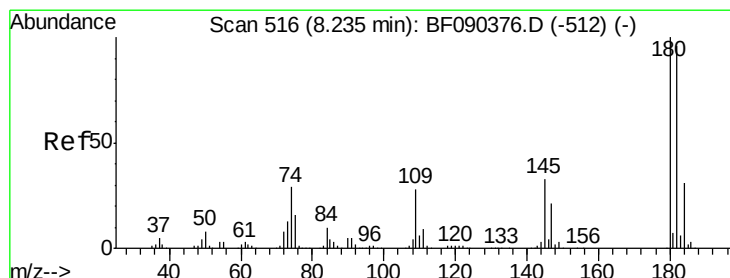
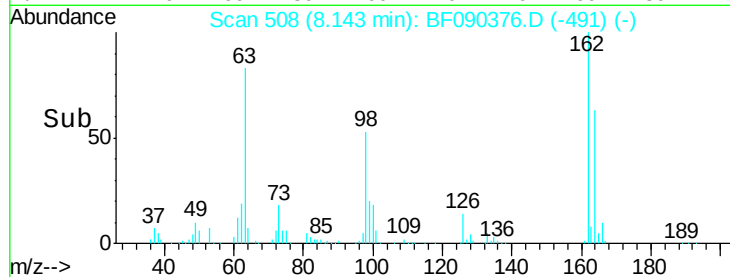
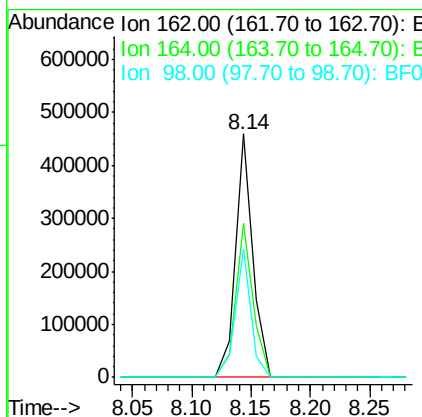
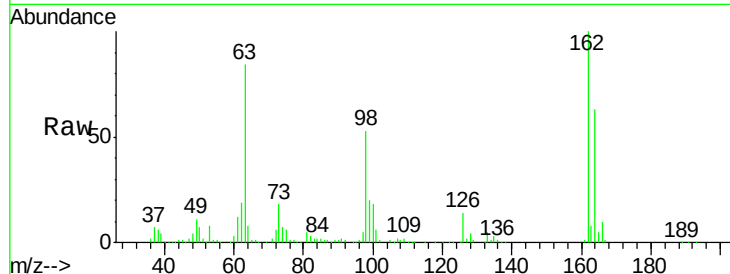
#29
2,4-Dichlorophenol
Concen: 36.72 ng
RT: 8.14 min Scan# 508
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	45.7	85.7
98	52.6	13.3	53.3

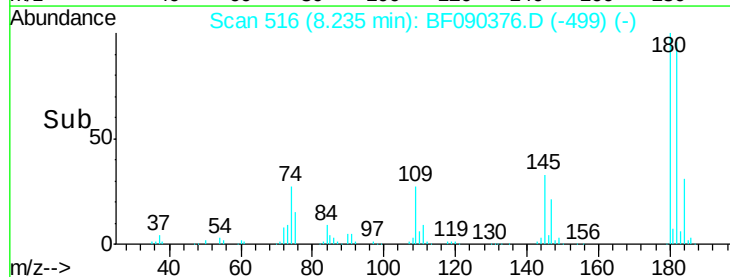
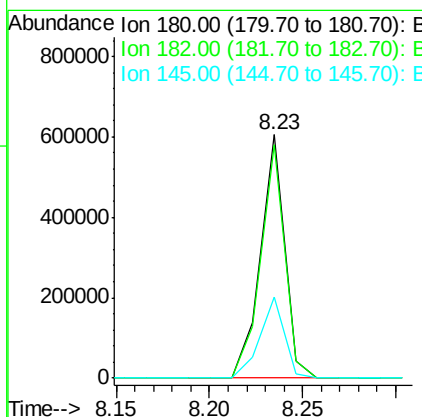
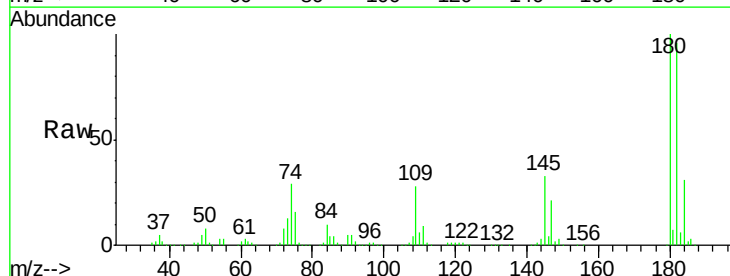
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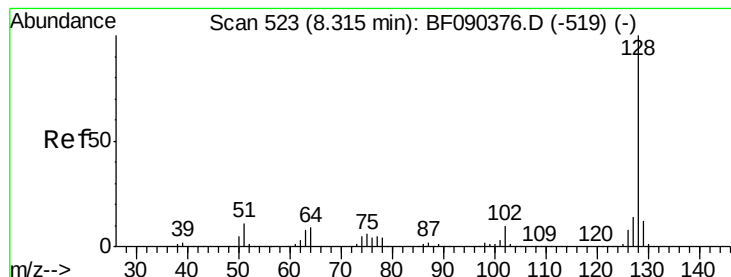
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#30
1,2,4-Trichlorobenzene
Concen: 38.01 ng
RT: 8.23 min Scan# 516
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	75.3	112.9
145	33.5	27.7	41.5





#31

Naphthalene

Concen: 38.22 ng

RT: 8.31 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:128 Resp: 1774693

Ion Ratio Lower Upper

128 100

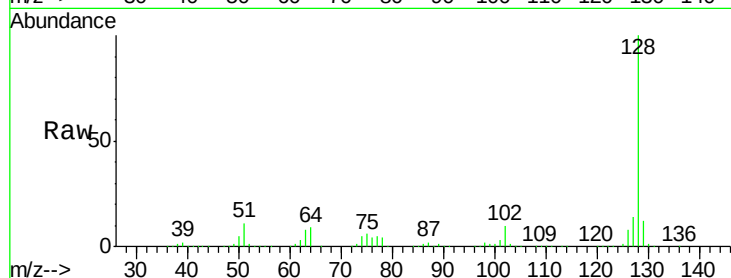
129 12.0 9.7 14.5

127 13.7 11.7 17.5

Manual Integrations
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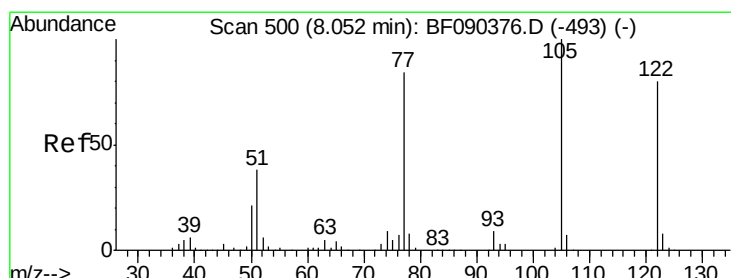
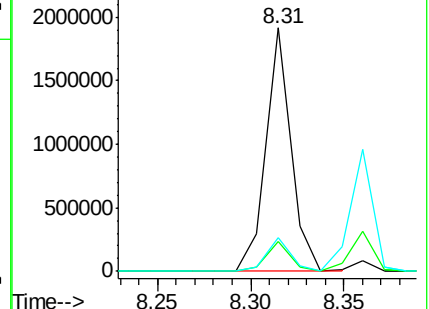
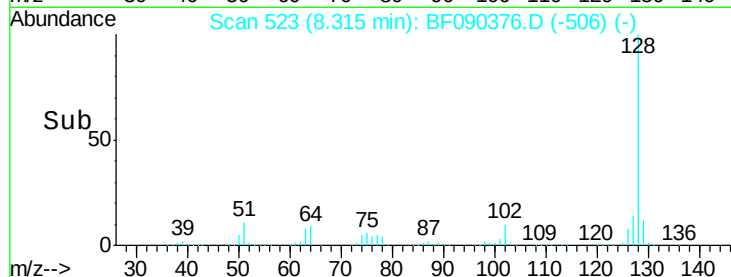
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.22 ng

RT: 8.05 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

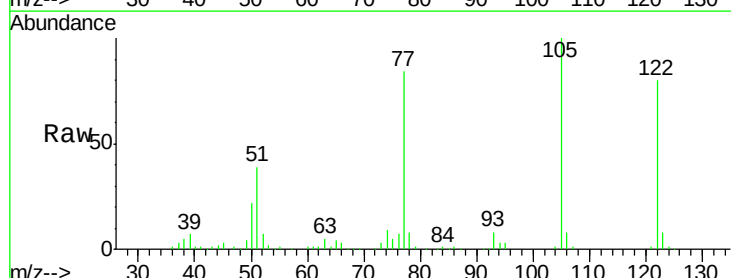
Tgt Ion:122 Resp: 448388

Ion Ratio Lower Upper

122 100

105 125.4 103.9 143.9

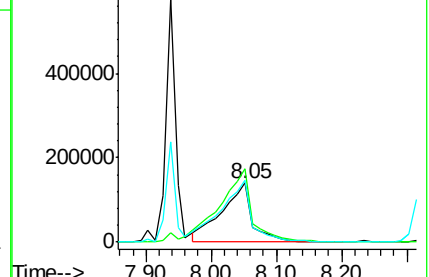
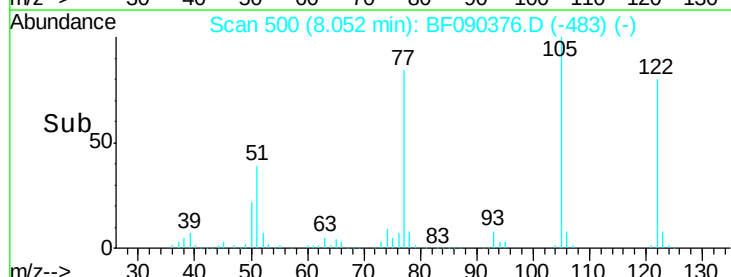
77 105.9 74.6 114.6

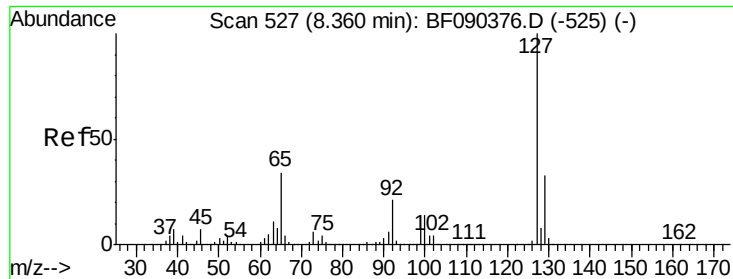


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





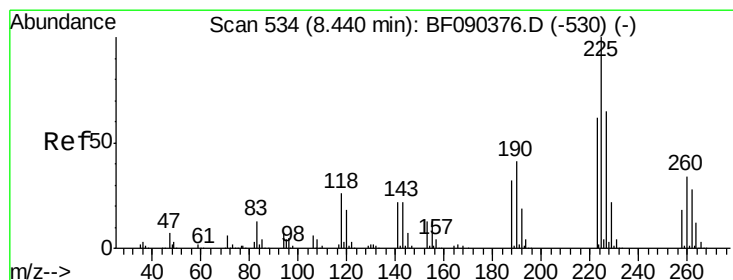
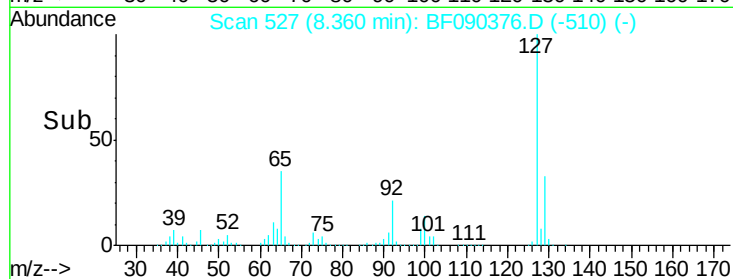
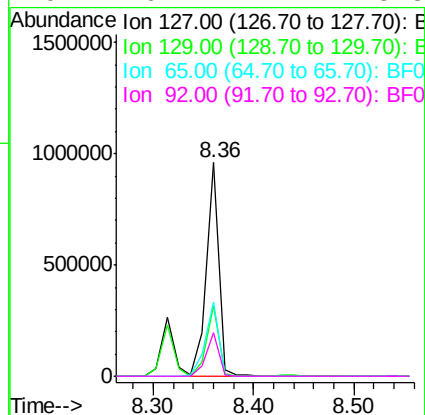
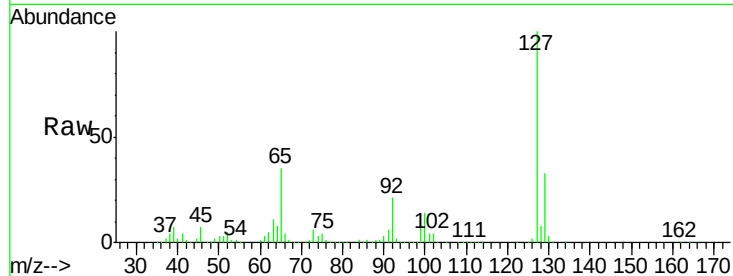
#33
4-Chloroaniline
Concen: 44.59 ng
RT: 8.36 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		826999		
129	33.0	26.2	39.4		
65	34.6	32.5	48.7		
92	20.7	17.2	25.8		

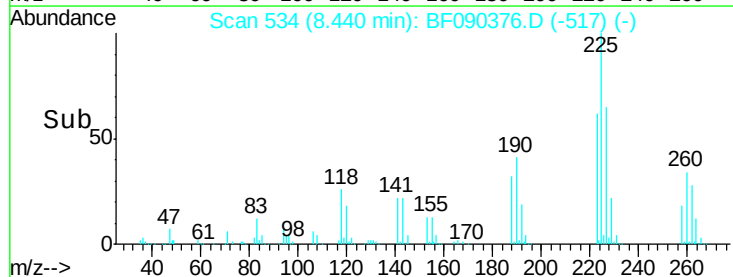
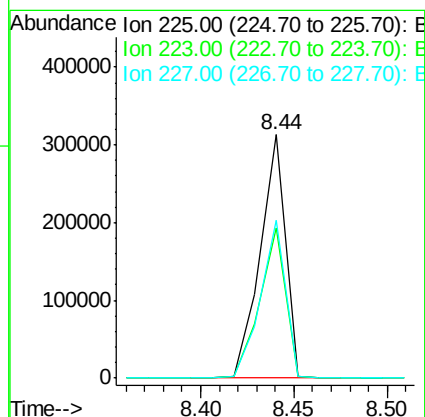
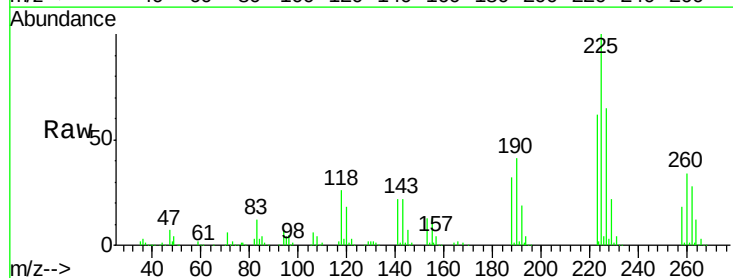
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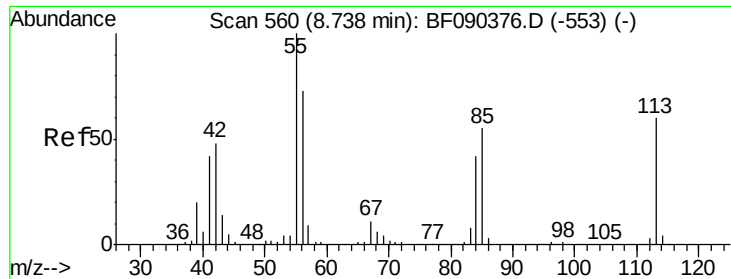
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#34
Hexachlorobutadiene
Concen: 34.95 ng
RT: 8.44 min Scan# 534
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		292248		
223	61.9	51.0	76.4		
227	64.9	50.8	76.2		





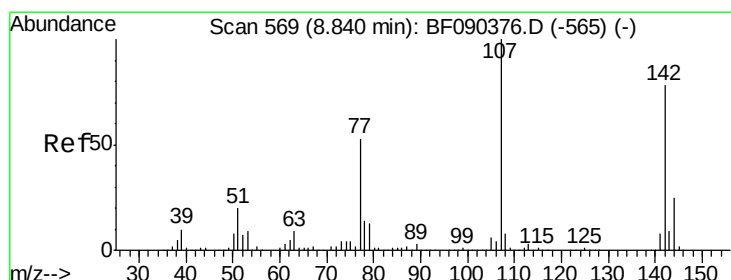
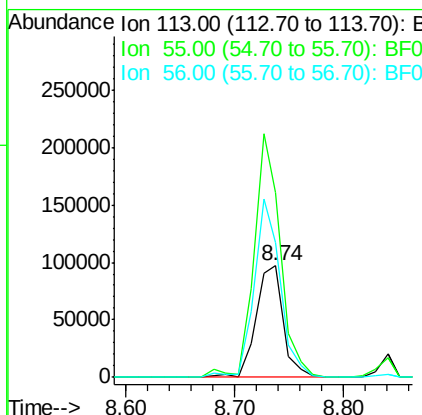
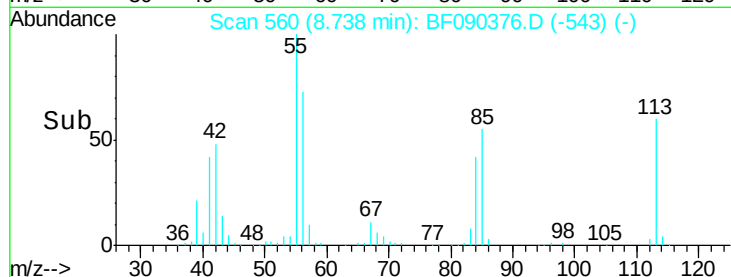
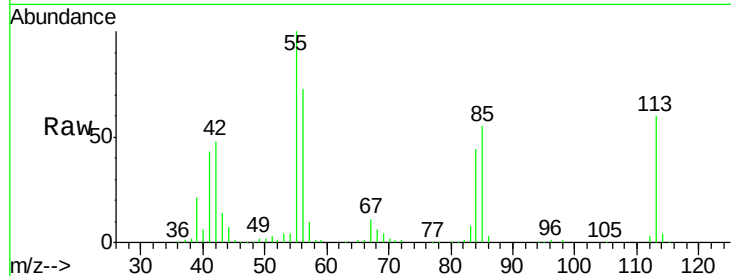
#35
Caprolactam
Concen: 51.41 ng
RT: 8.74 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	166.3	203.3	243.3#
56	121.6	140.5	180.5#

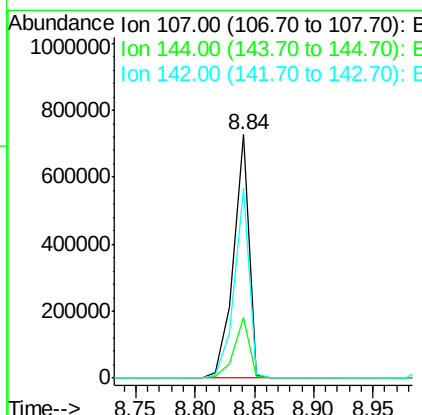
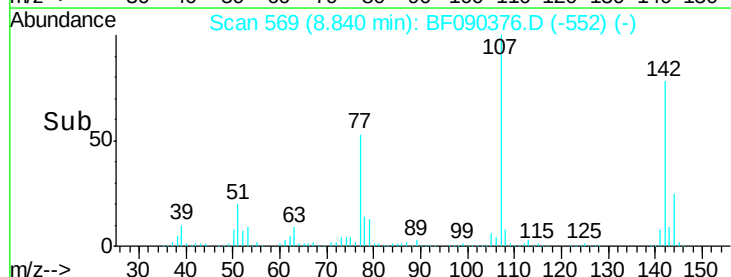
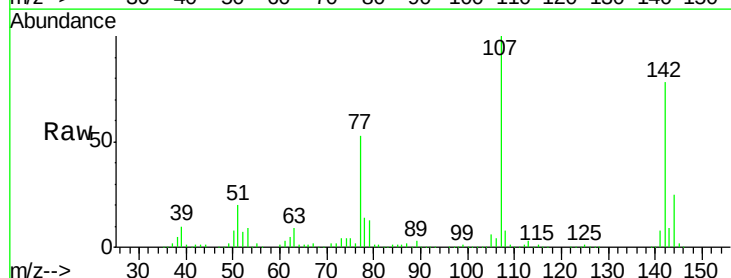
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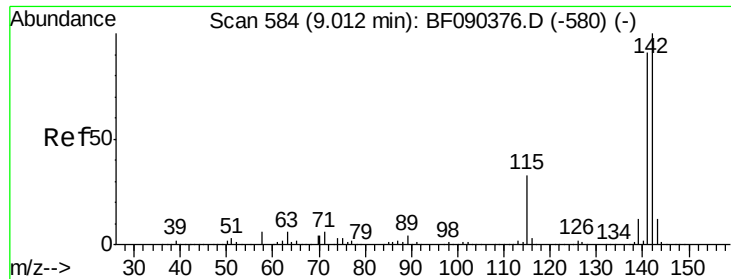
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#36
4-Chloro-3-methylphenol
Concen: 48.75 ng
RT: 8.84 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	19.8	29.8
142	77.9	60.7	91.1





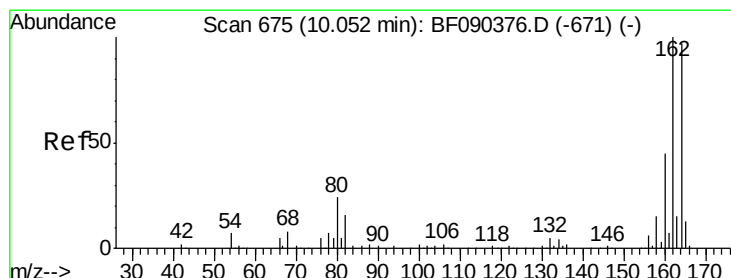
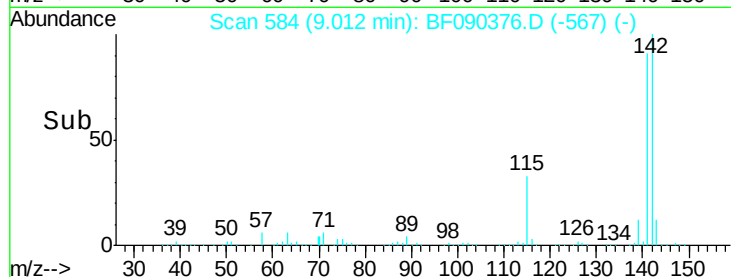
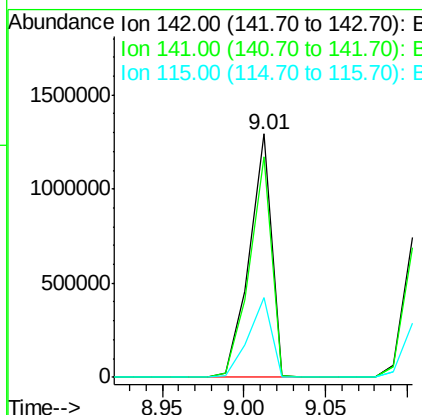
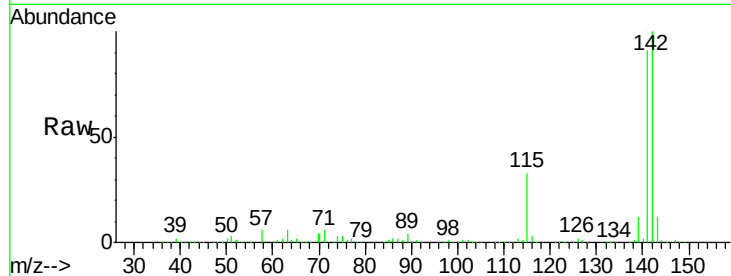
#37
2-Methylnaphthalene
Concen: 42.05 ng
RT: 9.01 min Scan# 584
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.8	107.8
115	32.7	28.8	43.2

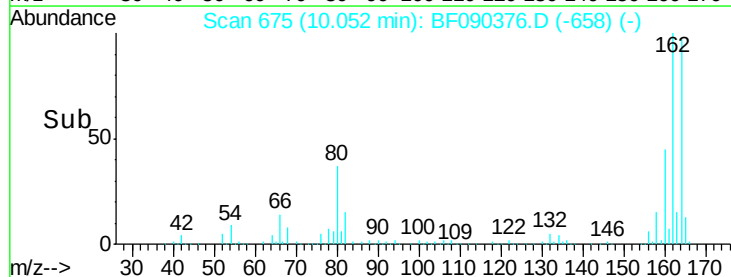
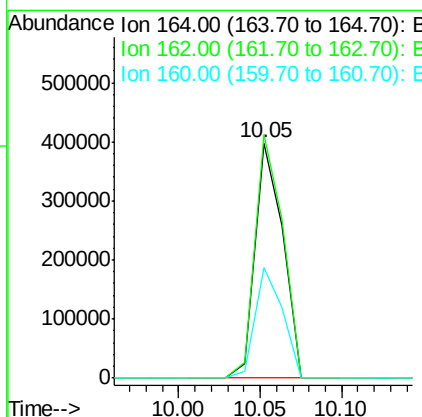
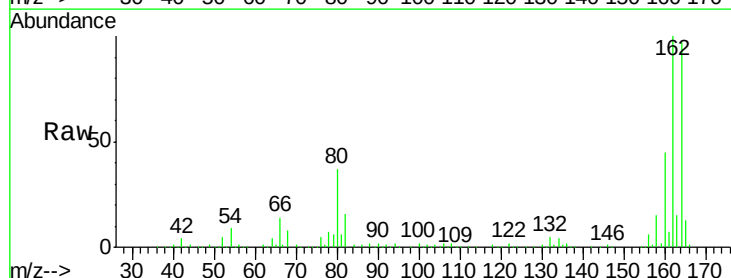
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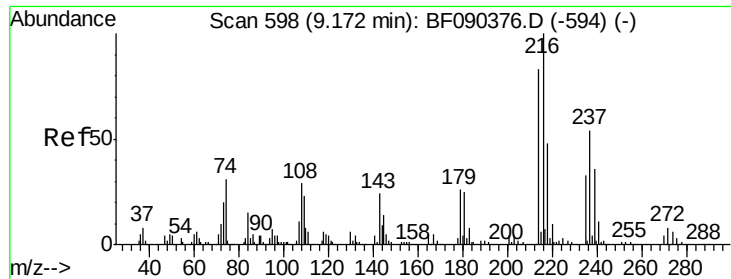
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10/6/2016 5:27:10 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	80.1	120.1
160	47.1	36.3	54.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.30 ng

RT: 9.17 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Instrument :

BNA_F

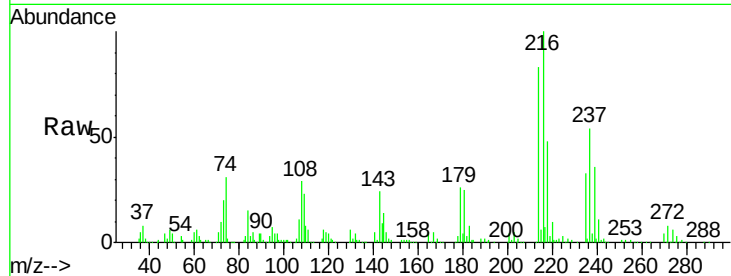
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
216	100		
214	80.4	64.2	96.2
179	23.5	18.0	27.0
108	24.5	15.2	22.8

Manual Integrations
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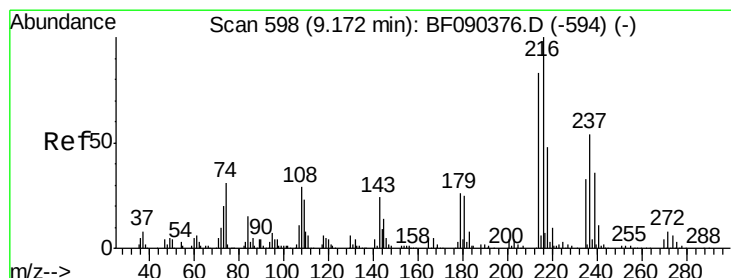
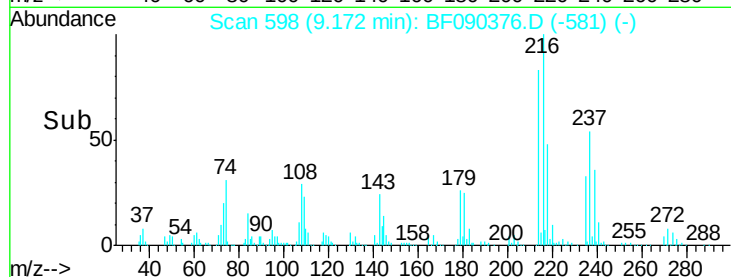
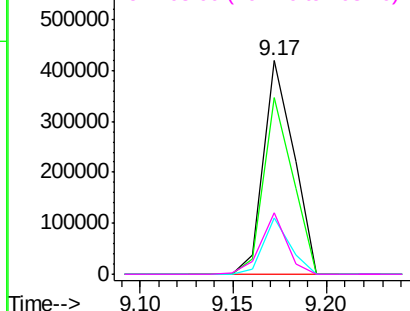
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 36.66 ng

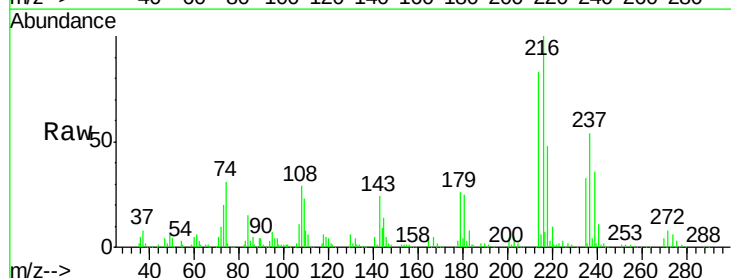
RT: 9.17 min Scan# 598

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.6	43.6	83.6
272	14.5	0.0	32.7

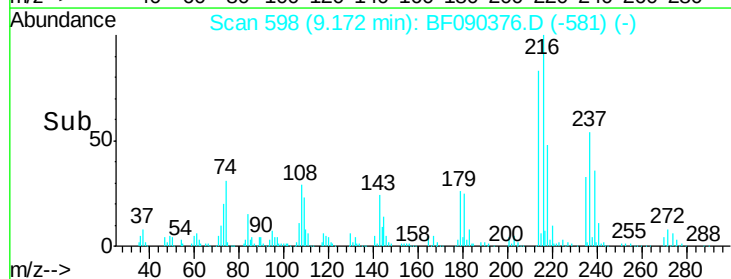
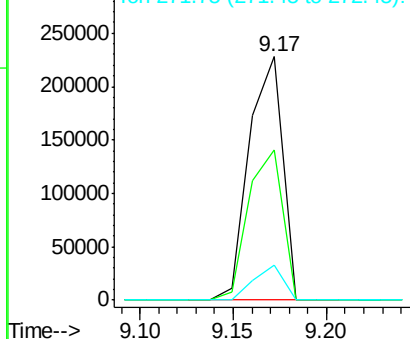


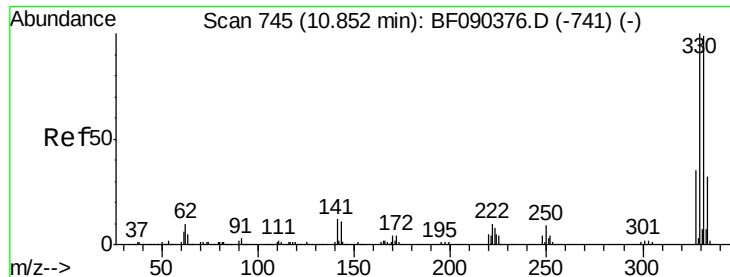
Abundance

Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





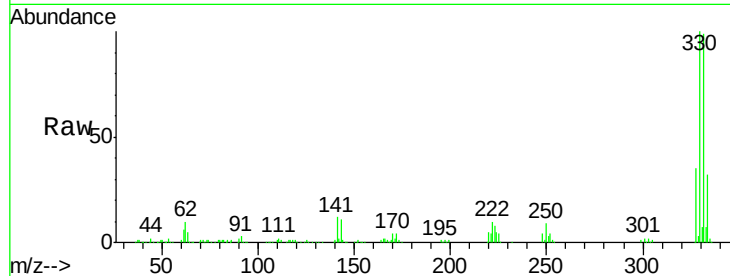
#41
 2,4,6-Tribromophenol
 Concen: 80.65 ng
 RT: 10.85 min Scan# 745
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

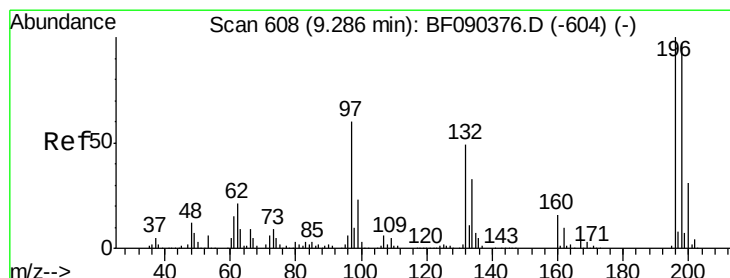
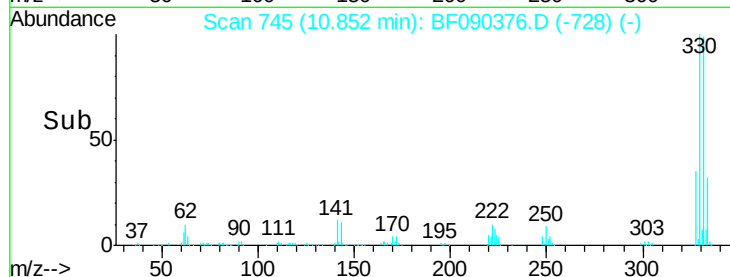
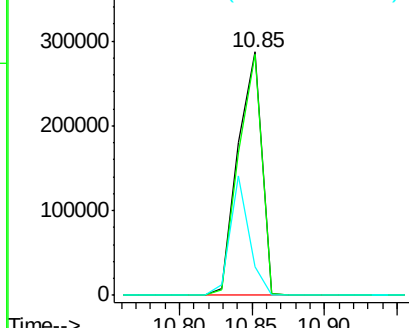
Tot Ion	Ratio	Resp	Lower	Upper
330	100	327506		
332	96.8		75.4	113.0
141	39.5		26.9	40.3

Manual Integrations
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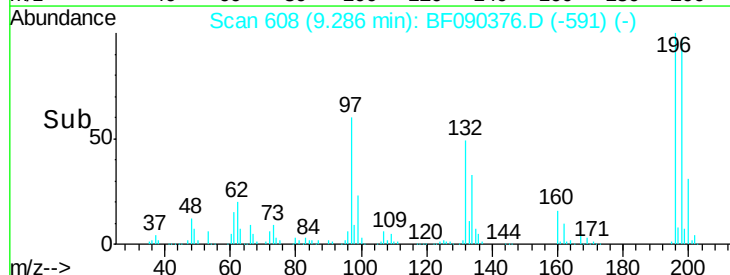
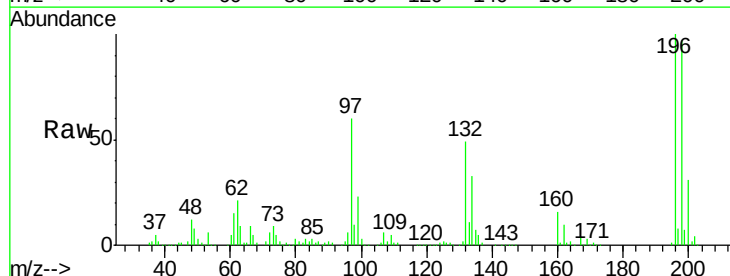
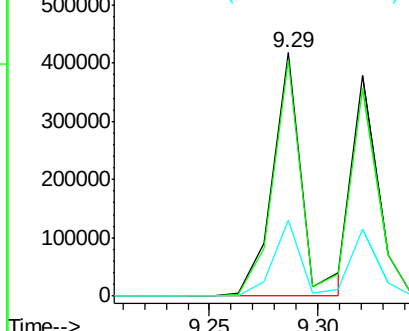
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

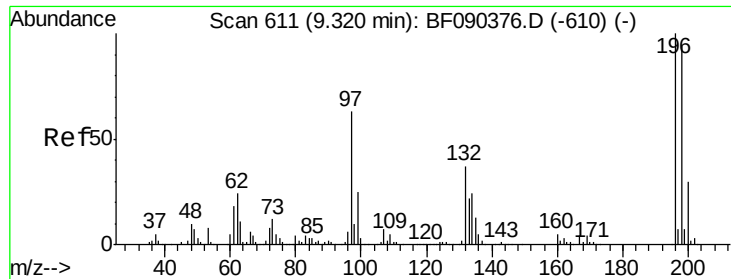


#42
 2,4,6-Trichlorophenol
 Concen: 46.98 ng
 RT: 9.29 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	390055		
198	96.7		78.9	118.3
200	31.4		25.4	38.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





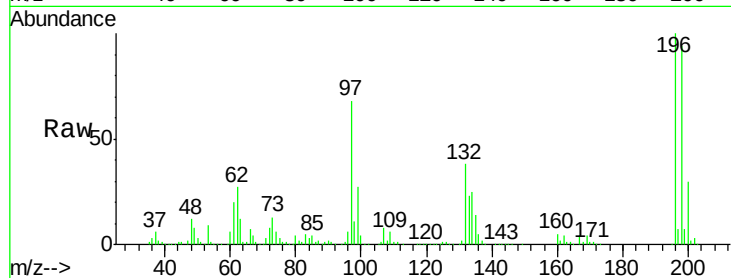
#43
 2,4,5-Trichlorophenol
 Concen: 37.27 ng
 RT: 9.32 min Scan# 611
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

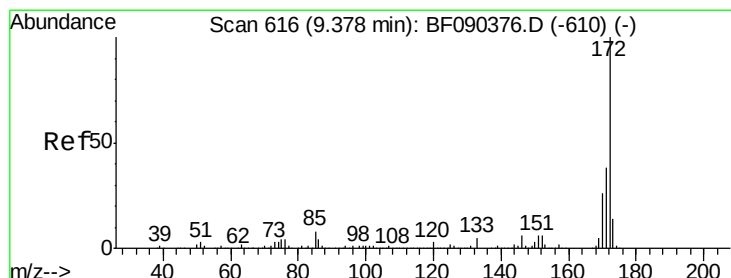
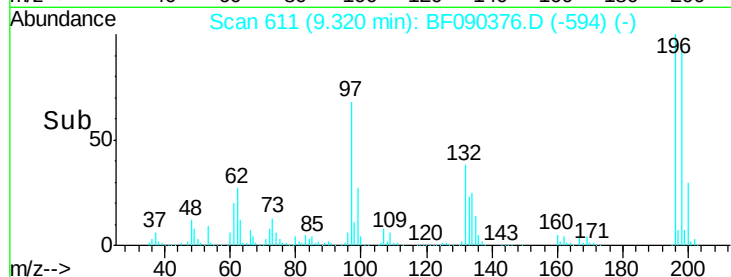
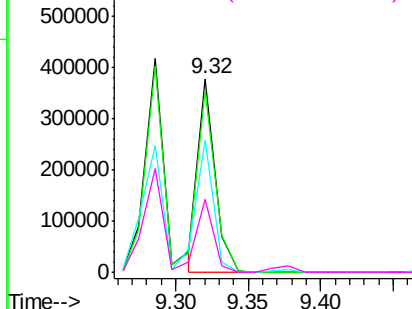
Tot Ion:	196	Resp:	311382
Ion Ratio	Lower	Upper	
196	100		
198	94.0	78.1	117.1
97	68.3	48.1	72.1
132	37.8	27.4	41.2

Manual Integrations
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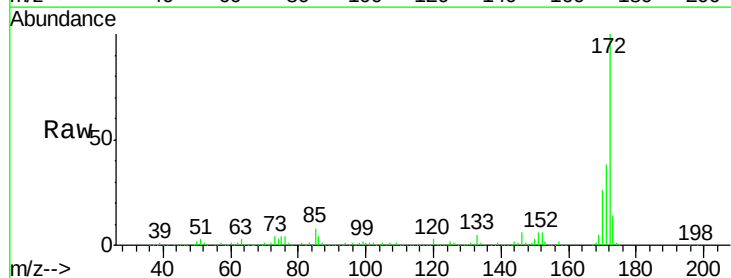


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

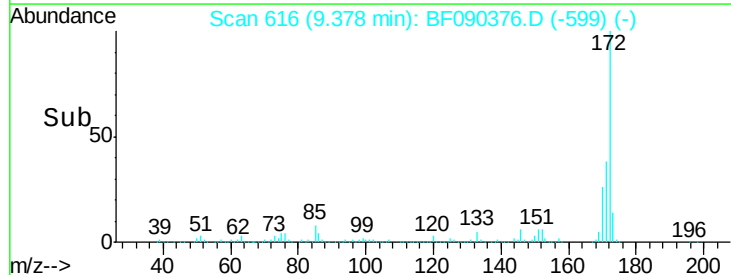
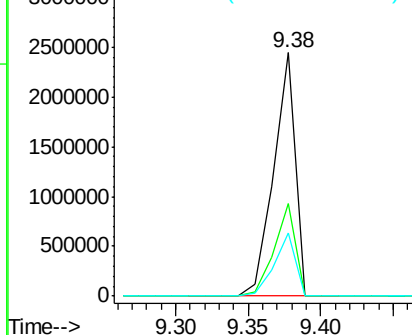


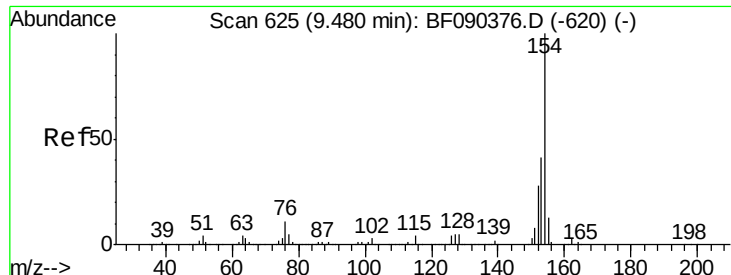
#44
 2-Fluorobiphenyl
 Concen: 87.90 ng
 RT: 9.38 min Scan# 616
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Tgt Ion:	172	Resp:	2520591
Ion Ratio	Lower	Upper	
172	100		
171	38.2	31.8	47.8
170	26.1	21.7	32.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 39.87 ng

RT: 9.48 min Scan# 625

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Instrument :

BNA_F

ClientSampled :

SSTDICCC040

Tot Ion:154 Resp: 1443254

Ion Ratio Lower Upper

154 100

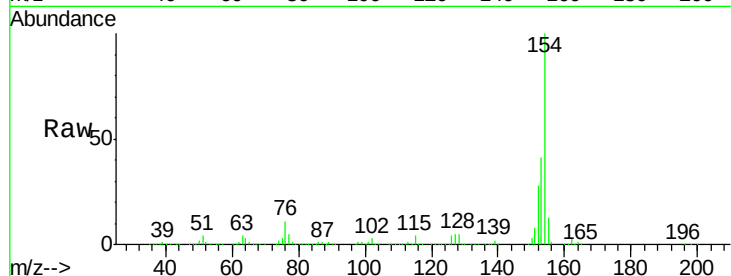
153 40.8 23.8 63.8

76 11.0 0.0 35.8

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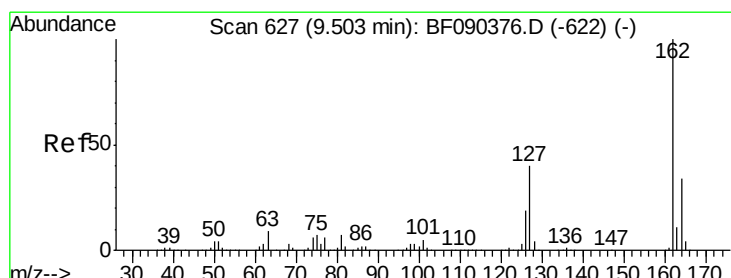
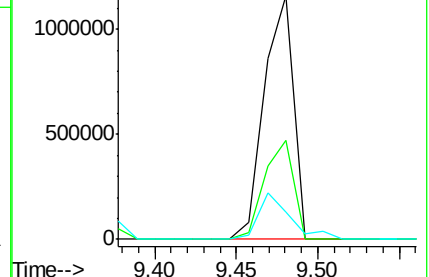
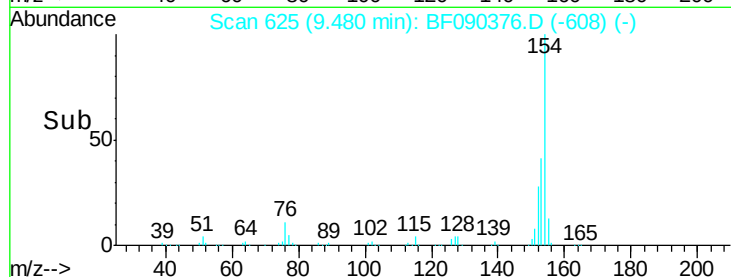
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 42.65 ng

RT: 9.50 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

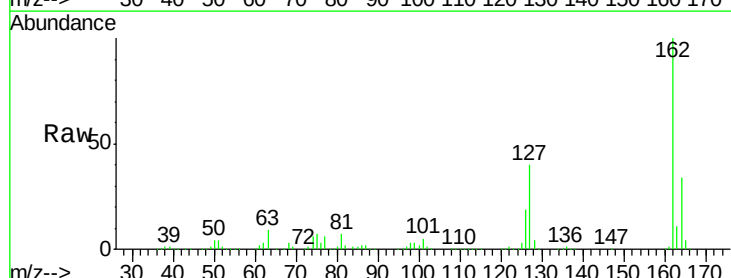
Tgt Ion:162 Resp: 1158780

Ion Ratio Lower Upper

162 100

127 39.9 35.6 53.4

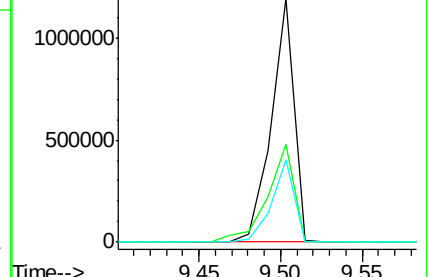
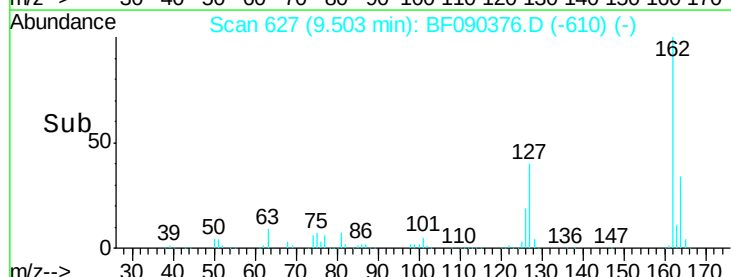
164 33.8 27.5 41.3

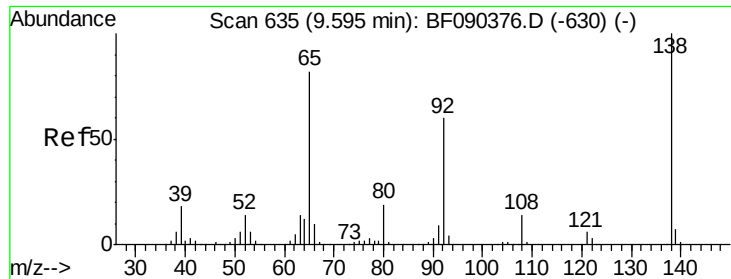


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





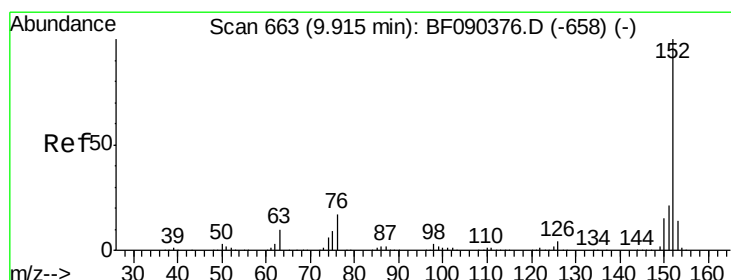
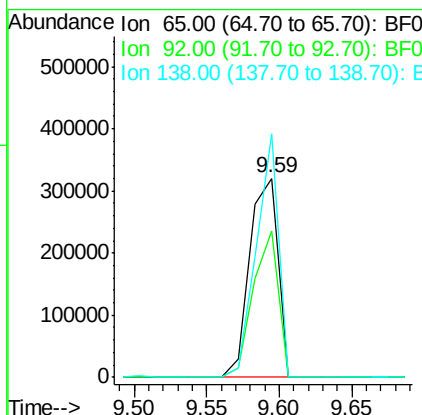
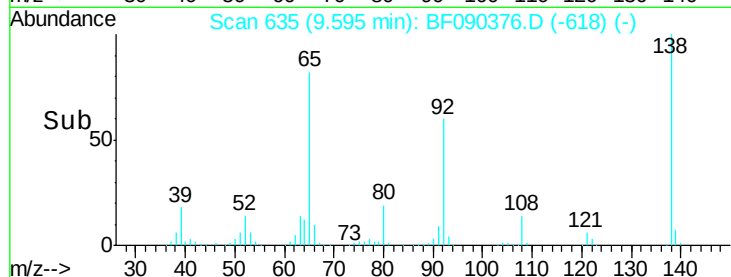
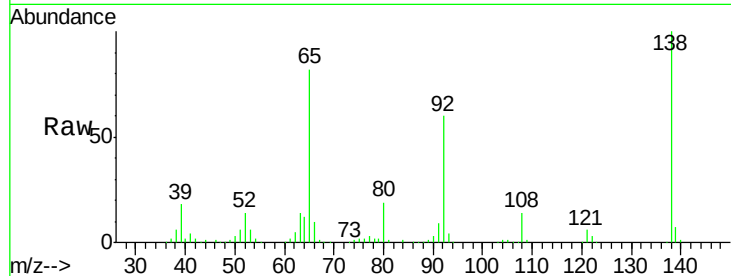
#47
 2-Nitroaniline
 Concen: 58.15 ng
 RT: 9.59 min Scan# 635
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	73.7	51.7	77.5
138	122.4	79.0	118.4

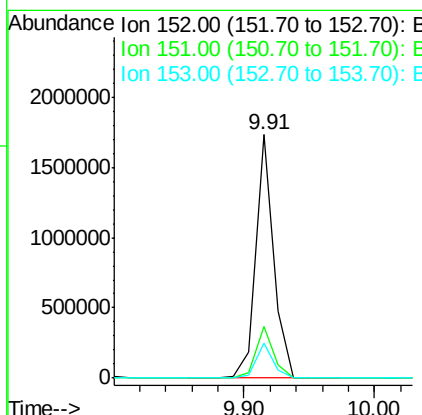
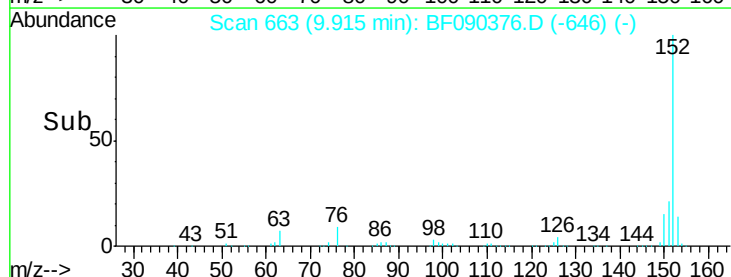
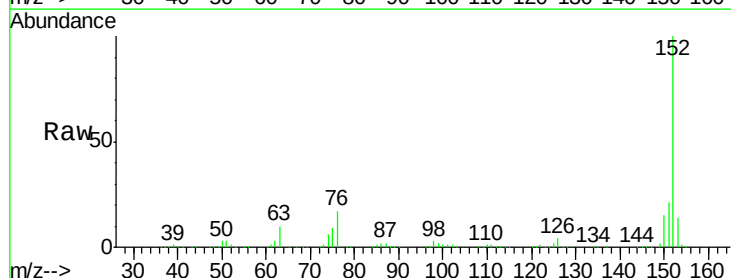
Manual Integrations
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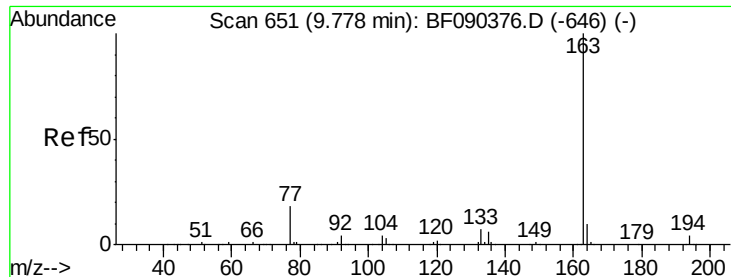
SOHIL
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#48
 Acenaphthylene
 Concen: 40.20 ng
 RT: 9.91 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.4	26.0
153	14.2	11.6	17.4





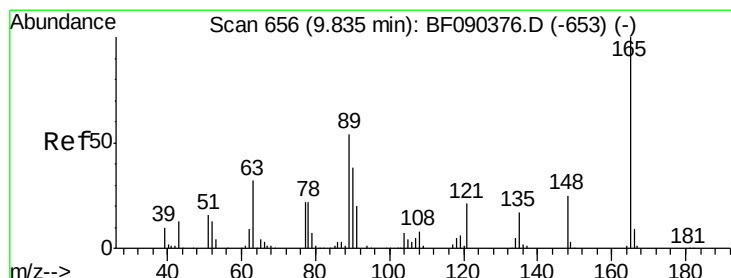
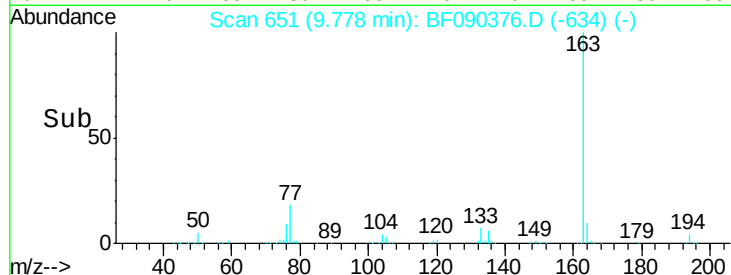
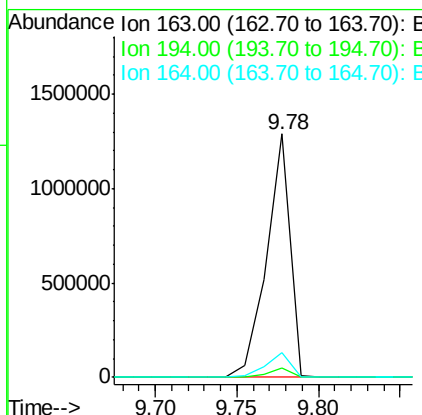
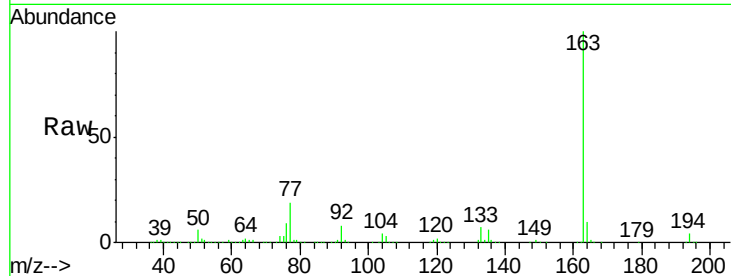
#49
Dimethylphthalate
Concen: 46.56 ng
RT: 9.78 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.8	4.2
164	10.2	9.0	13.4

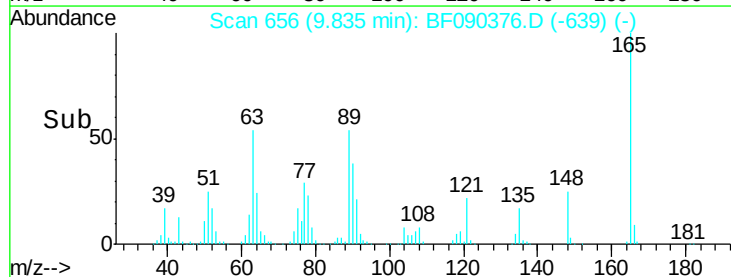
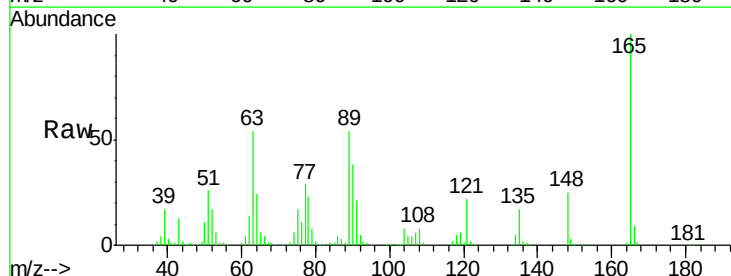
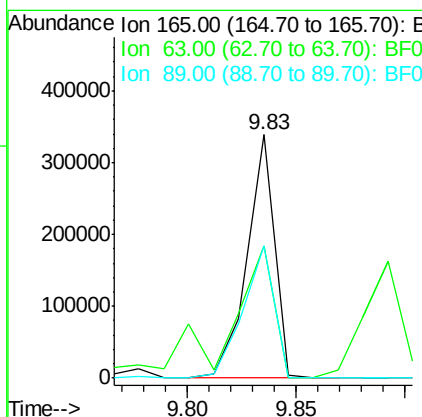
Manual Integrations
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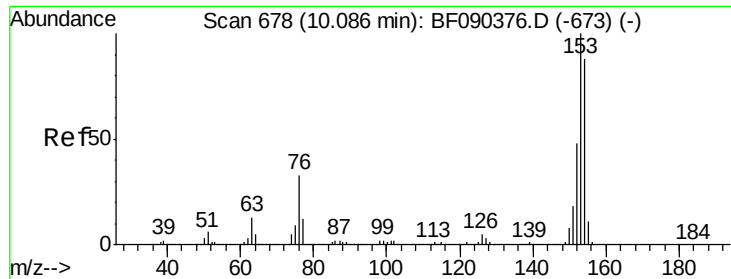
SOHIL
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#50
2,6-Dinitrotoluene
Concen: 48.76 ng
RT: 9.83 min Scan# 656
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	54.2	58.0	87.0#
89	54.3	51.2	76.8





#51

Acenaphthene

Concen: 41.26 ng

RT: 10.09 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Instrument :

BNA_F

ClientSampled :

SSTDICCC040

Tot Ion:154 Resp: 1032010

Ion Ratio Lower Upper

154 100

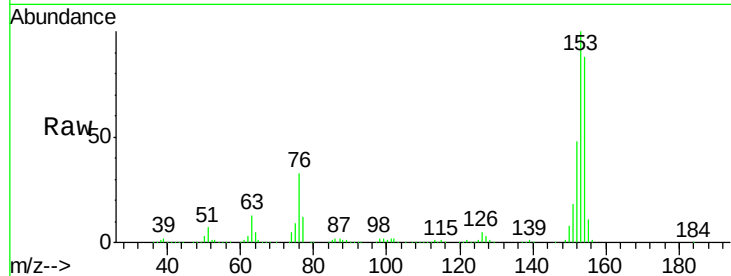
153 113.2 88.6 133.0

152 54.1 42.6 64.0

Manual Integrations
APPROVED

SOHIL

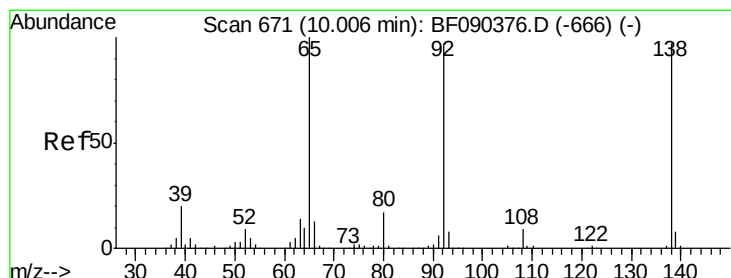
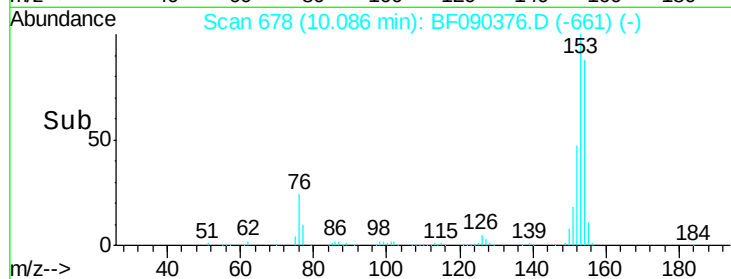
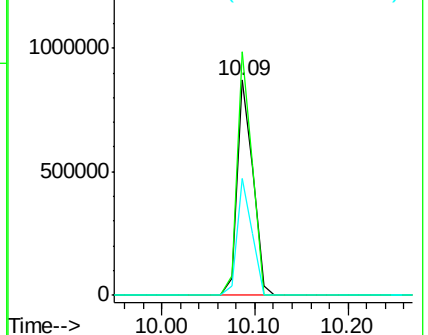
10/6/2016 5:27:10 PM



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 50.42 ng

RT: 10.01 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

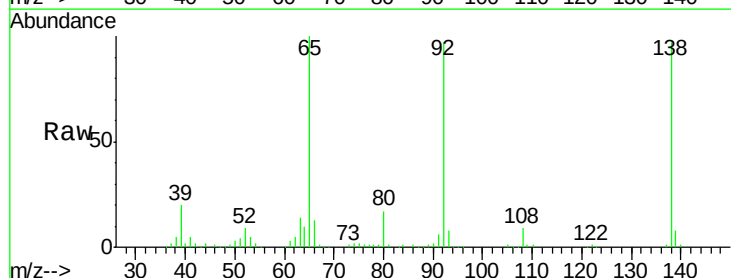
Tgt Ion:138 Resp: 345780

Ion Ratio Lower Upper

138 100

108 9.2 9.7 14.5#

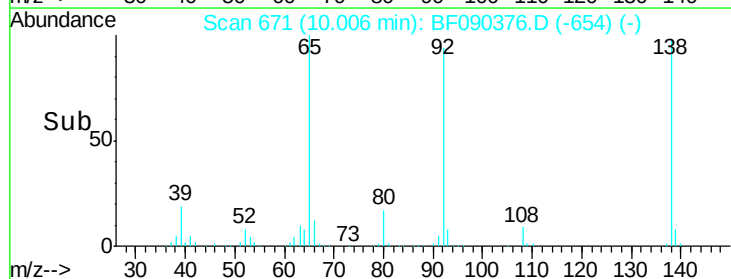
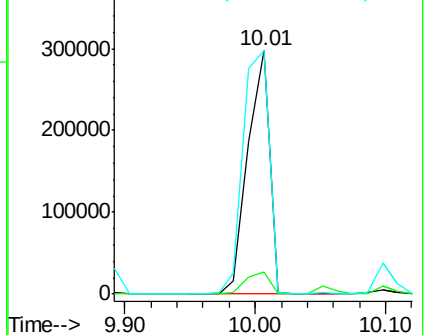
92 99.8 97.1 145.7

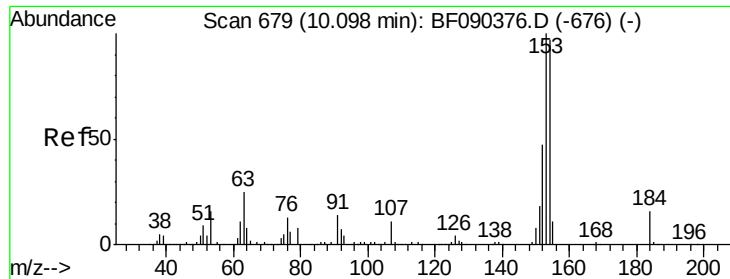


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





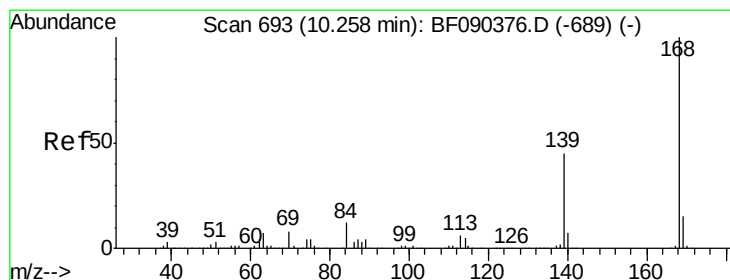
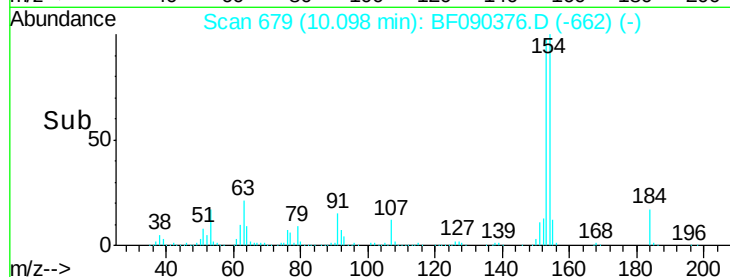
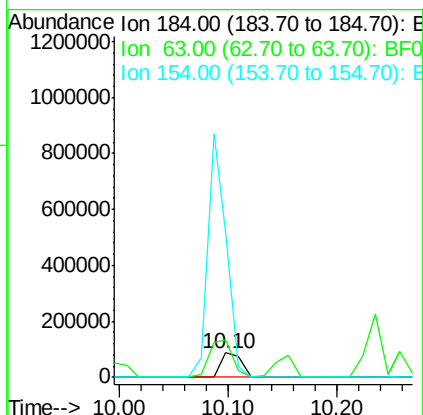
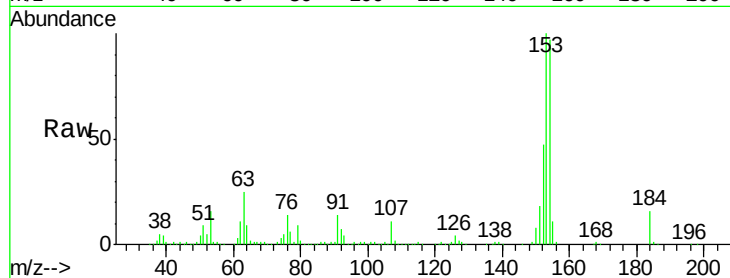
#53
2,4-Dinitrophenol
Concen: 63.88 ng
RT: 10.10 min Scan# 679
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	152.8	41.9	62.9#	
154	594.1	48.9	73.3#	

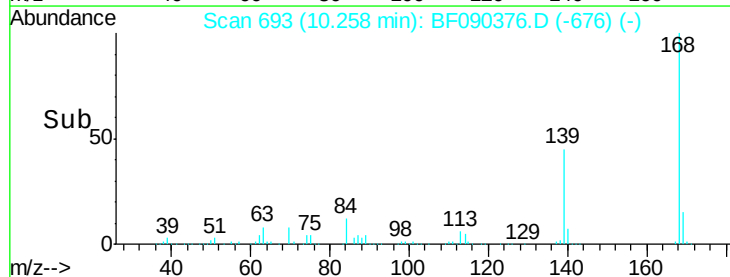
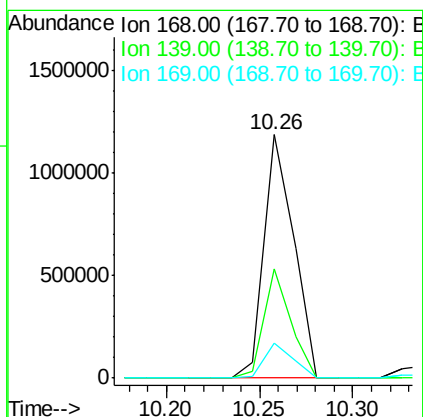
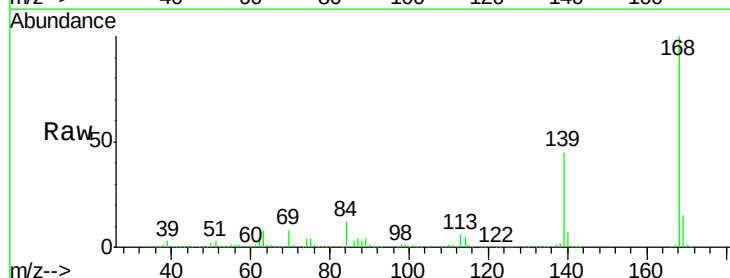
Manual Integrations
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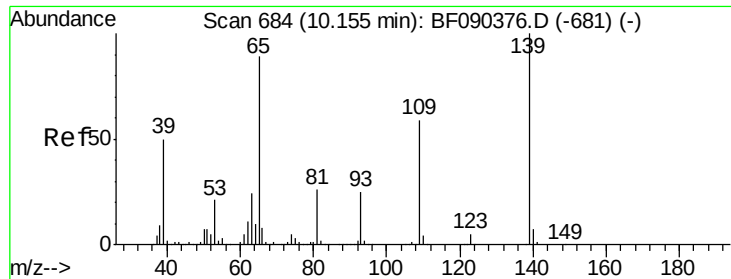
SOHIL
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#54
Dibenzofuran
Concen: 39.38 ng
RT: 10.26 min Scan# 693
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	44.7	29.6	44.4#	
169	14.5	11.3	16.9	





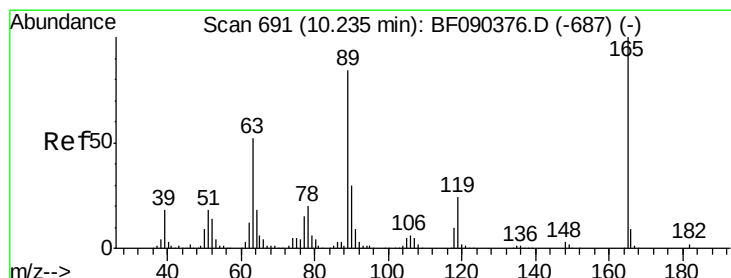
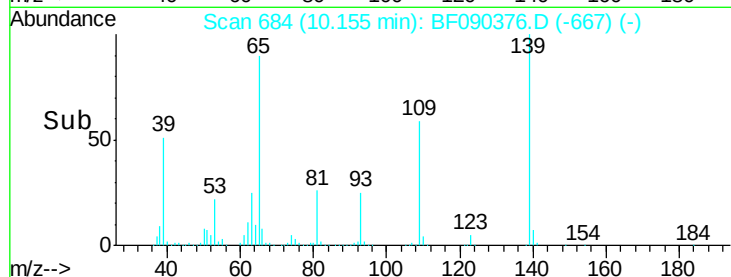
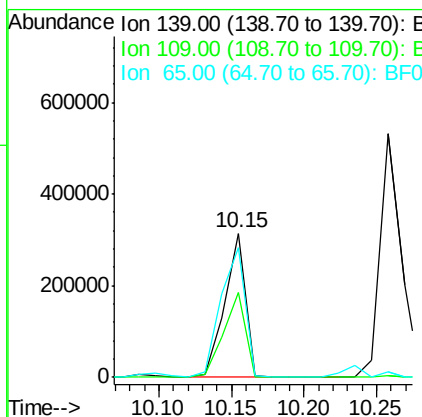
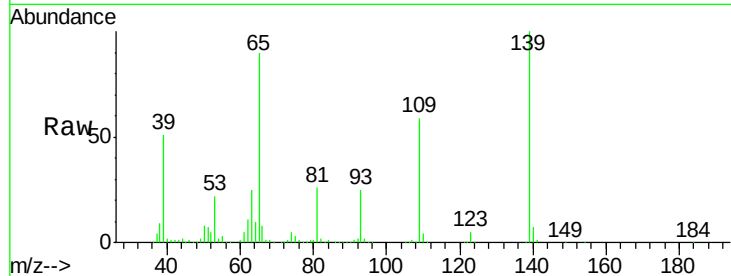
#55
4-Nitrophenol
Concen: 57.30 ng
RT: 10.15 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
139	100		
109	59.0	43.6	83.6
65	89.7	87.5	127.5

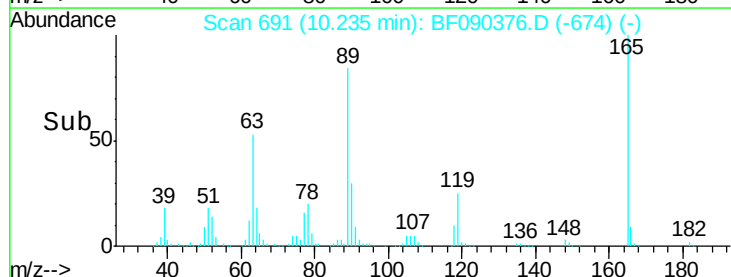
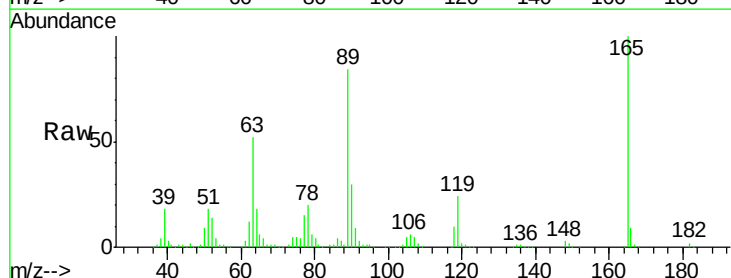
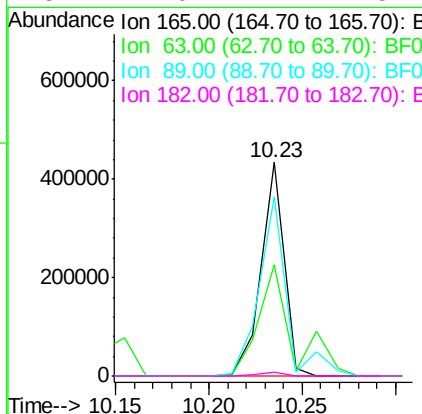
Manual Integrations
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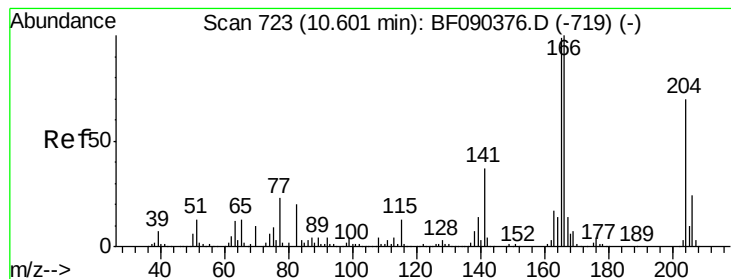
SOHIL
10/6/2016 5:27:10 PM



#56
2,4-Dinitrotoluene
Concen: 50.34 ng
RT: 10.23 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
165	100		
63	52.4	17.8	26.6#
89	83.6	33.2	49.8#
182	2.0	2.1	3.1#





#57

Fluorene

Concen: 41.77 ng

RT: 10.60 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:166 Resp: 1155685

Ion Ratio Lower Upper

166 100

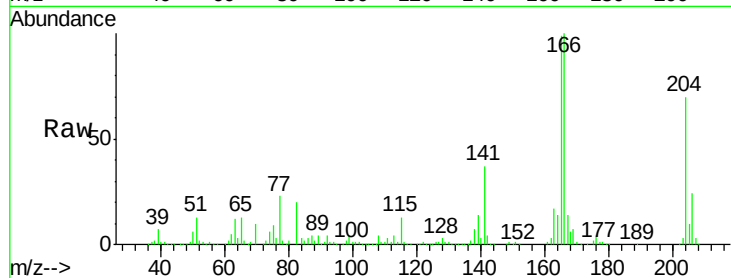
165 98.8 79.2 118.8

167 14.4 11.1 16.7

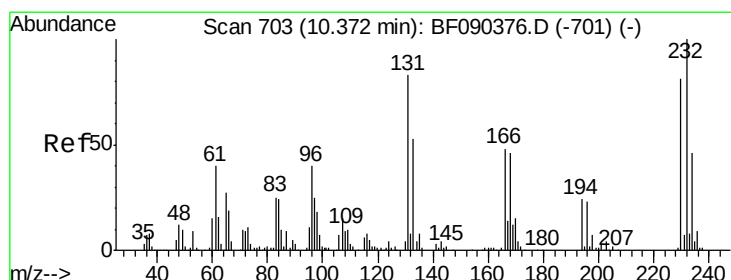
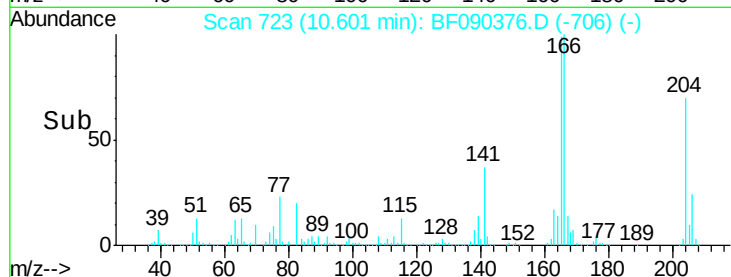
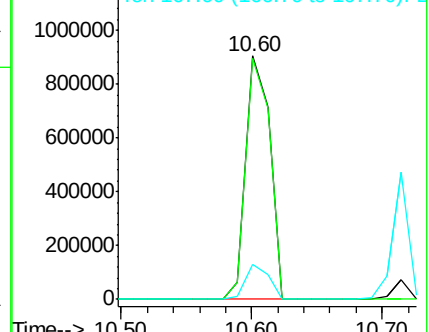
Manual Integrations
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.87 ng m

RT: 10.37 min Scan# 703

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Tgt Ion:232 Resp: 228973

Ion Ratio Lower Upper

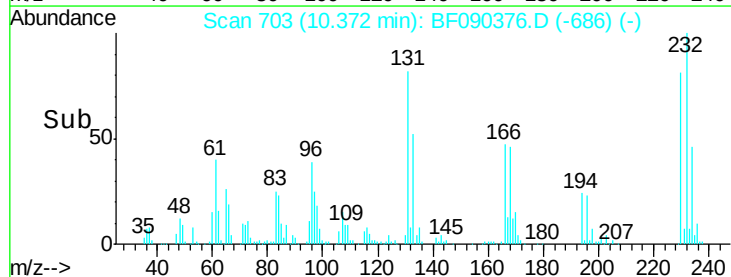
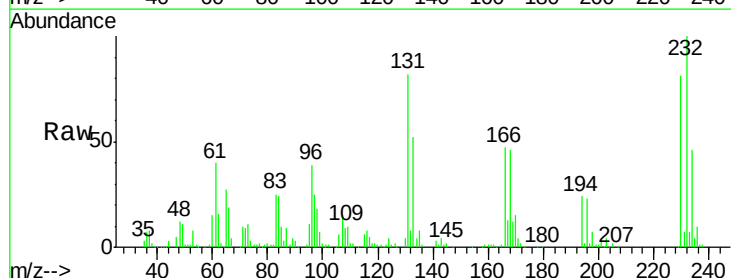
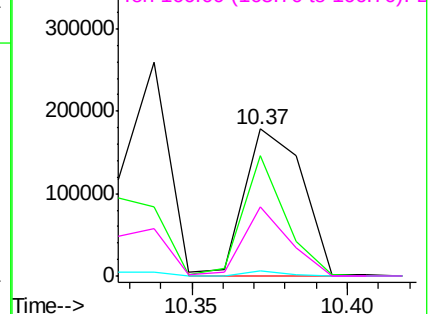
232 100

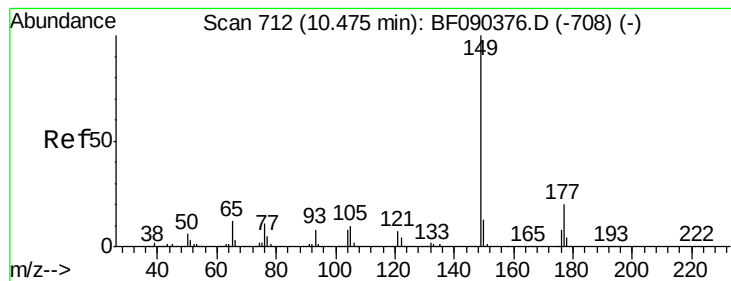
131 55.0 34.5 51.7#

130 2.7 1.6 2.4#

166 32.6 23.8 35.8

Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 44.06 ng

RT: 10.47 min Scan# 712

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Instrument :

BNA_F

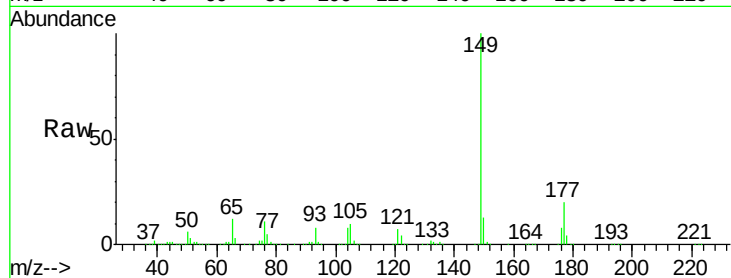
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.3	21.1	31.7#
150	12.8	10.2	15.2

Manual Integrations
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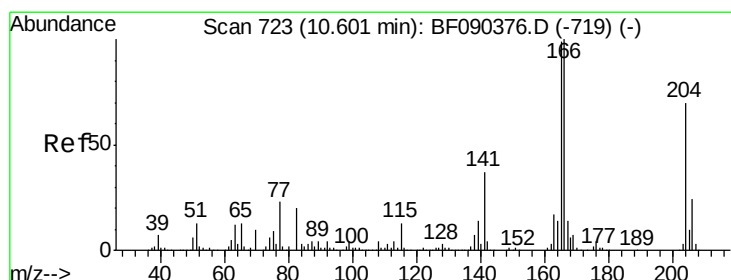
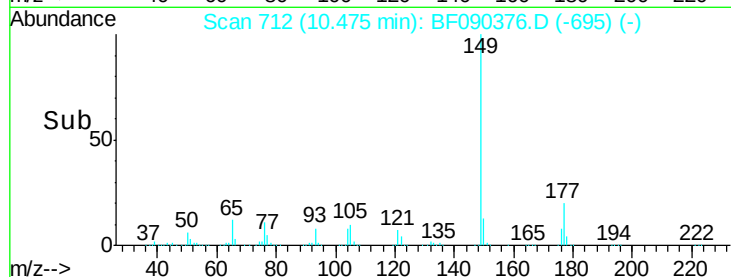
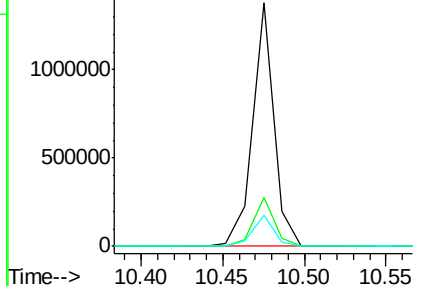
SOHIL
10/6/2016 5:27:10 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.23 ng

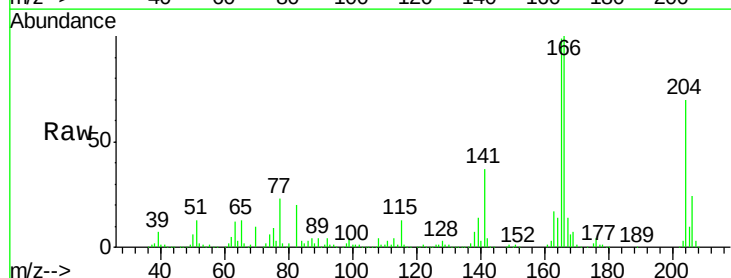
RT: 10.60 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

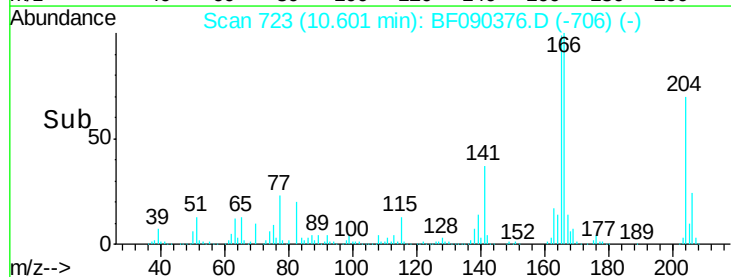
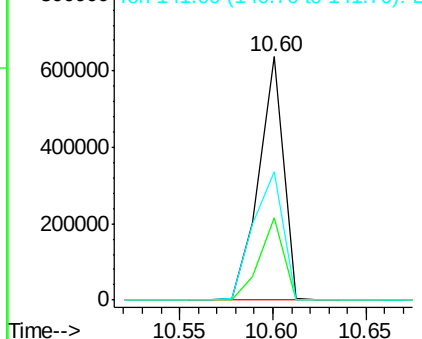
Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.7	40.1
141	52.8	51.7	77.5

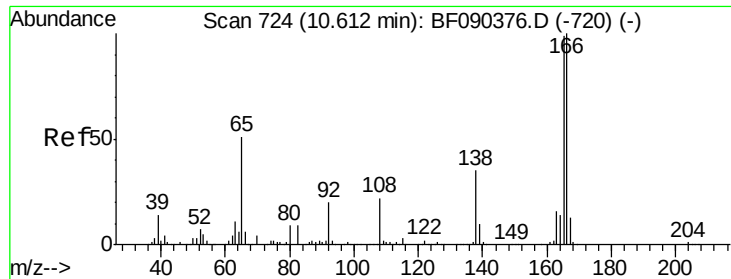


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





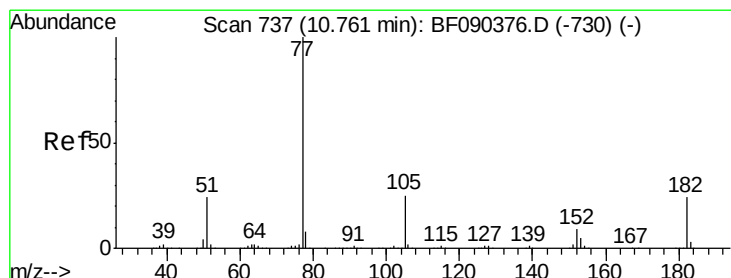
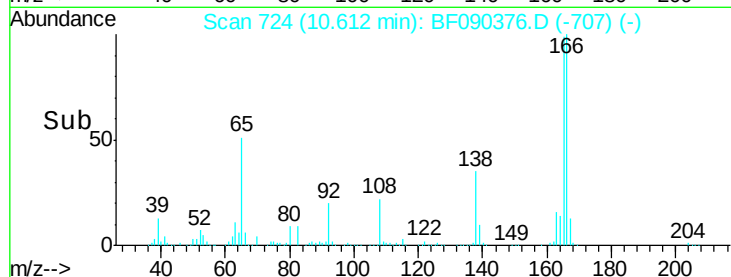
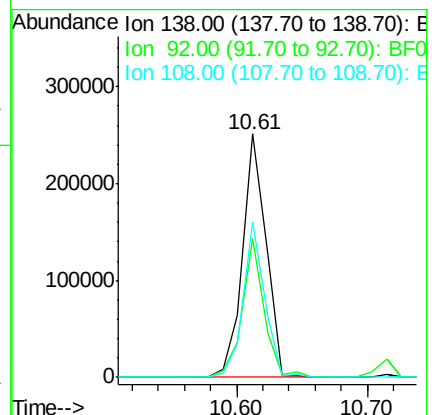
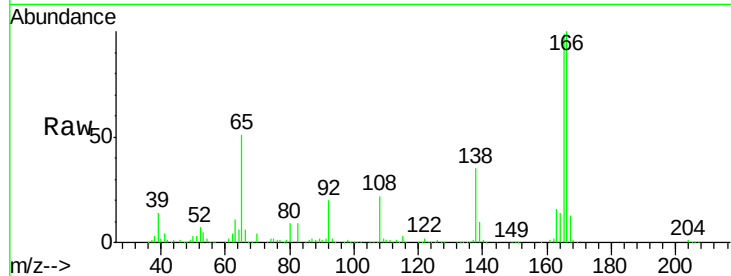
#61
4-Nitroaniline
Concen: 50.40 ng
RT: 10.61 min Scan# 724
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
92	57.0	33.2	73.2	
108	63.6	48.5	88.5	

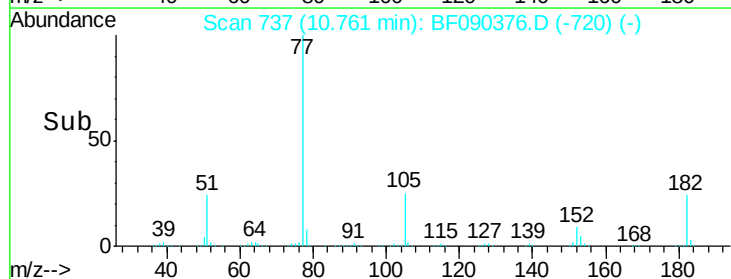
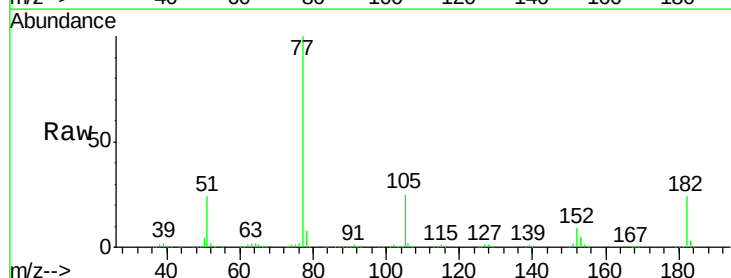
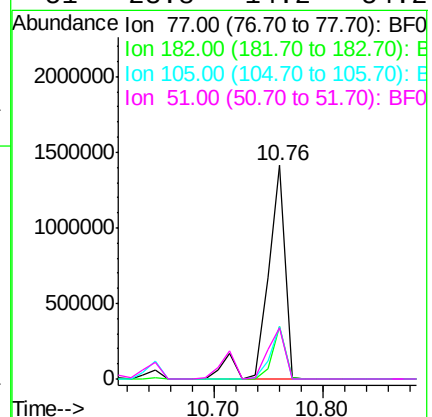
Manual Integrations
APPROVED

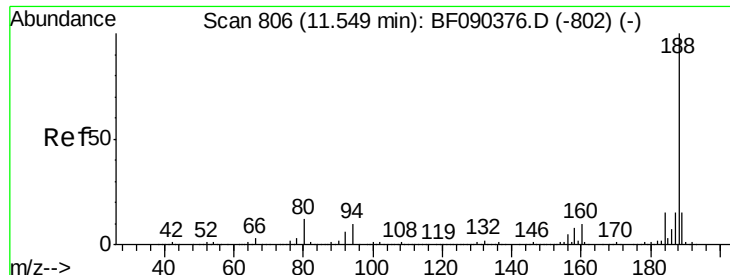
SOHIL
10/6/2016 5:27:10 PM



#62
Azobenzene
Concen: 54.63 ng
RT: 10.76 min Scan# 737
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
182	24.4	3.2	43.2	
105	24.5	2.9	42.9	
51	23.8	14.2	54.2	





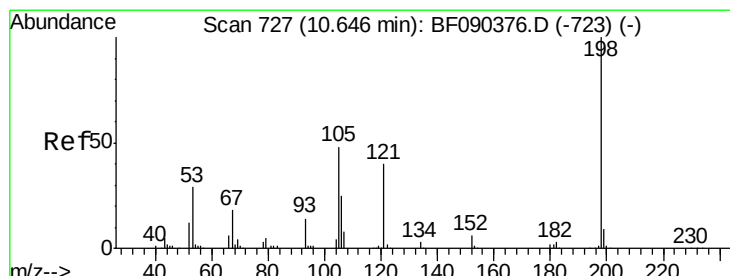
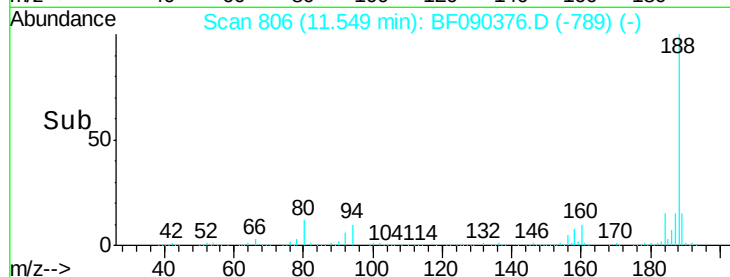
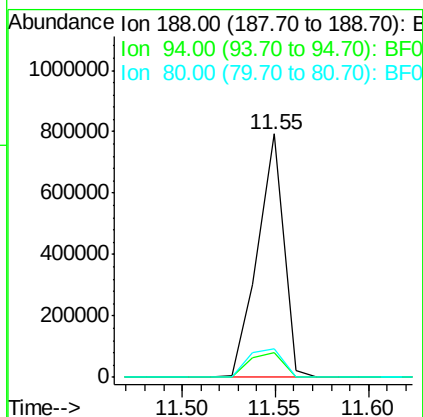
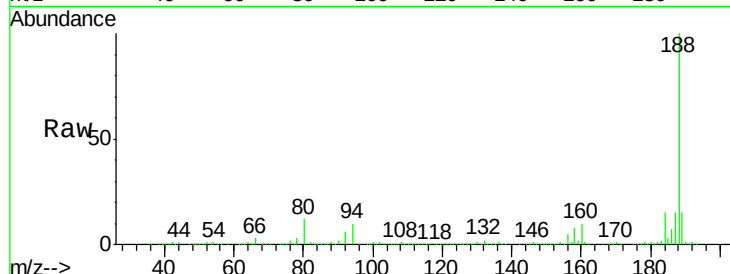
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.55 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	771462		
94	10.4		8.2	12.2
80	11.8		8.8	13.2

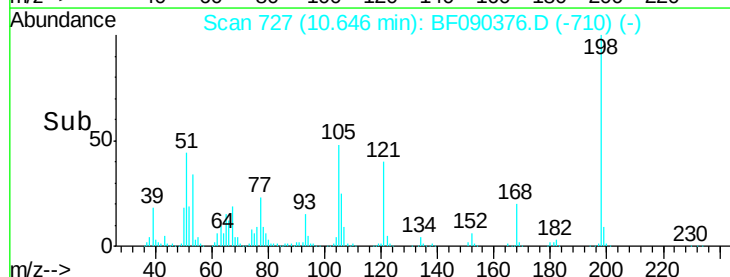
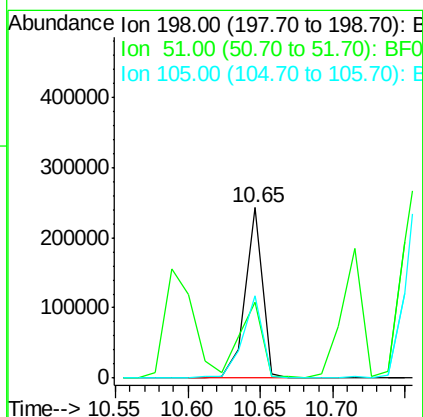
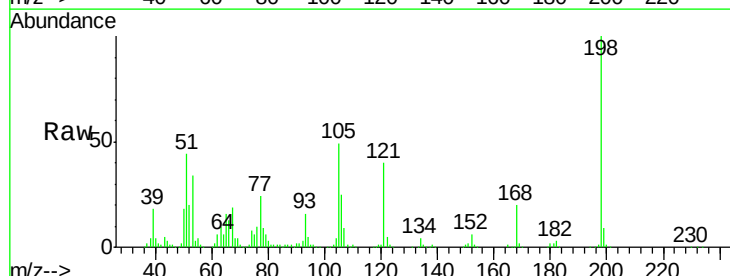
Manual Integrations
APPROVED

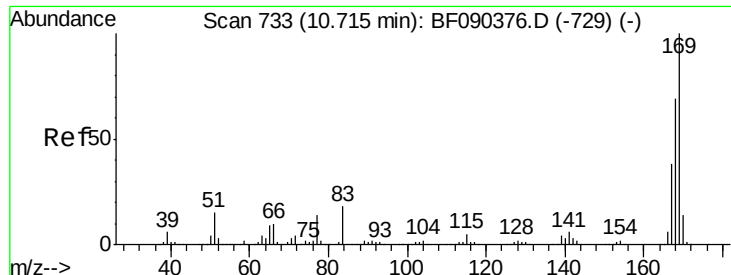
SOHIL
10/6/2016 5:27:10 PM



#64
4,6-Dinitro-2-methylphenol
Concen: 67.93 ng
RT: 10.65 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	199925		
51	44.4		67.3	107.3#
105	48.6		42.6	82.6





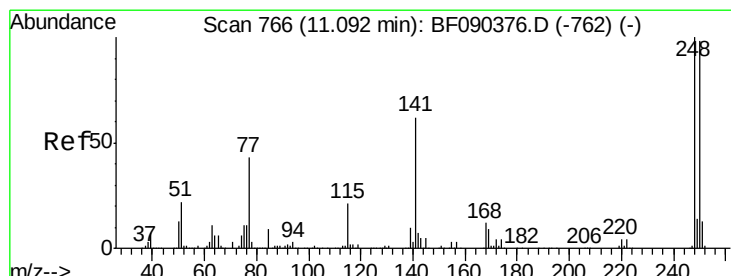
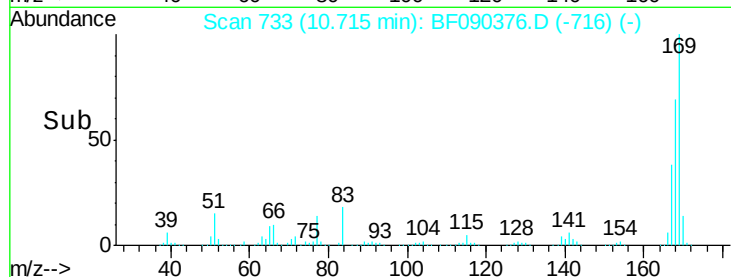
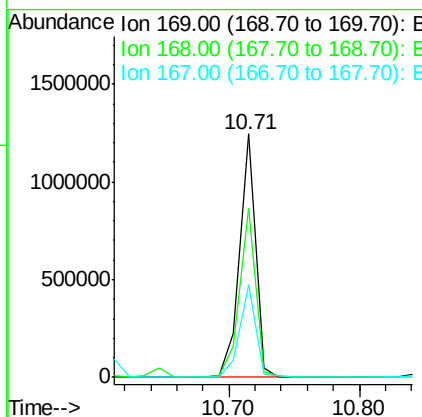
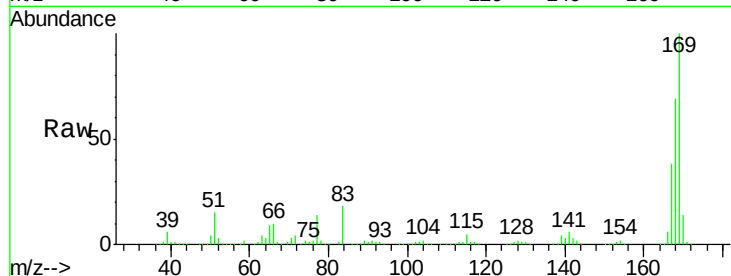
#65
n-Nitrosodiphenylamine
Concen: 39.93 ng
RT: 10.71 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:169 Resp: 1050468
Ion Ratio Lower Upper
169 100
168 69.4 53.8 80.6
167 37.8 29.8 44.8

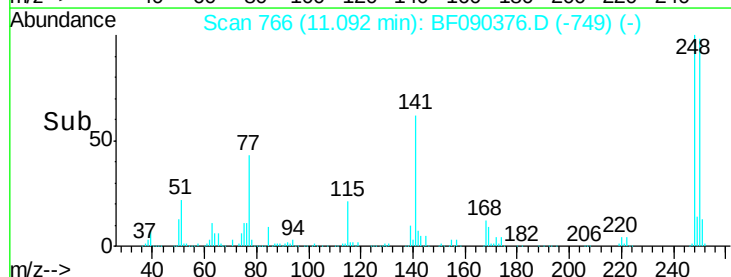
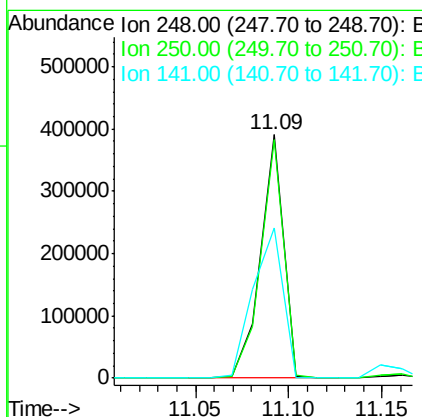
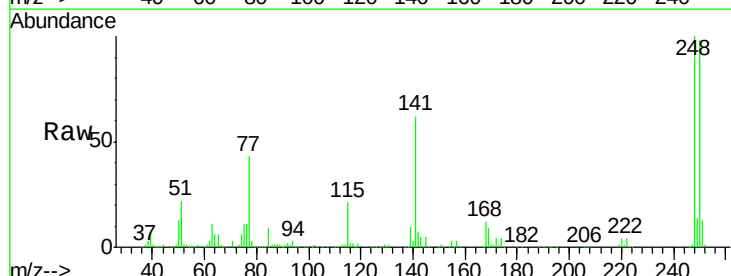
Manual Integrations
APPROVED

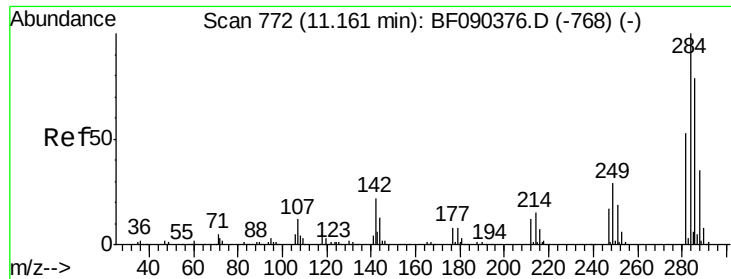
SOHIL
10/6/2016 5:27:10 PM



#66
4-Bromophenyl-phenylether
Concen: 39.71 ng
RT: 11.09 min Scan# 766
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion:248 Resp: 331087
Ion Ratio Lower Upper
248 100
250 98.2 76.5 114.7
141 61.6 59.8 89.6





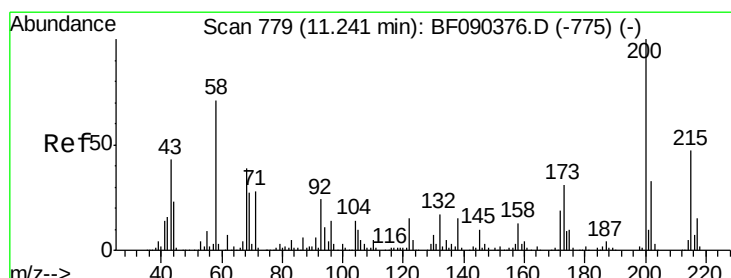
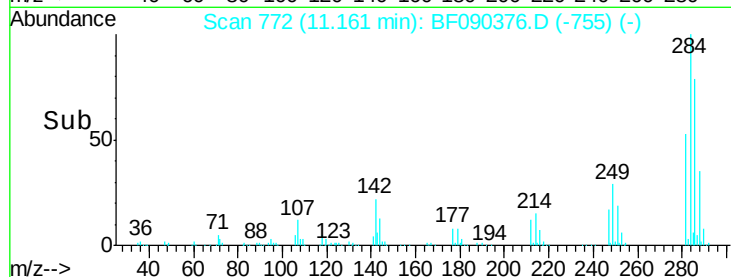
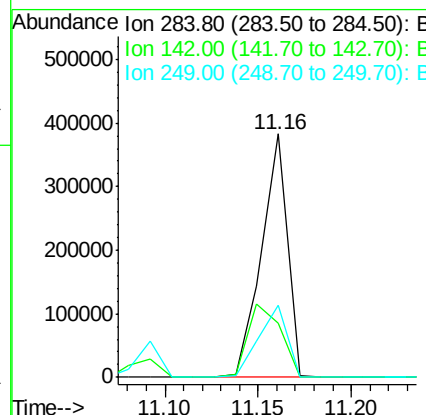
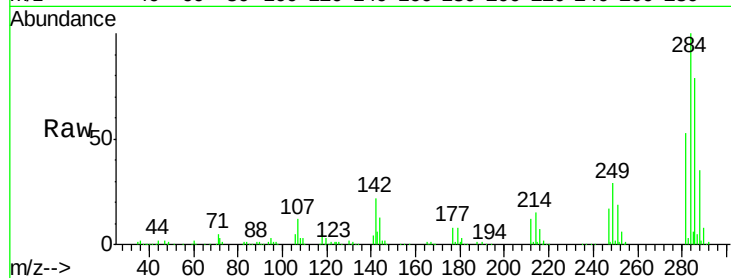
#67
Hexachlorobenzene
Concen: 37.37 ng
RT: 11.16 min Scan# 772
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	366223		
142	22.5	23.1	34.7#	
249	29.4	26.3	39.5	

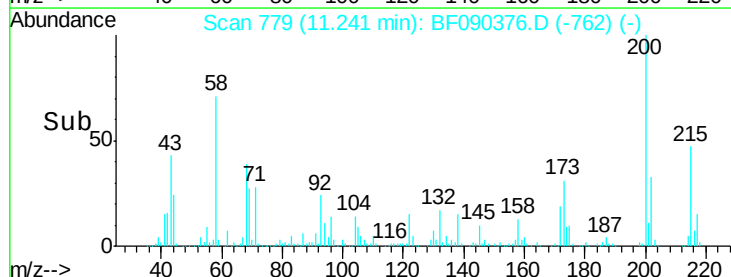
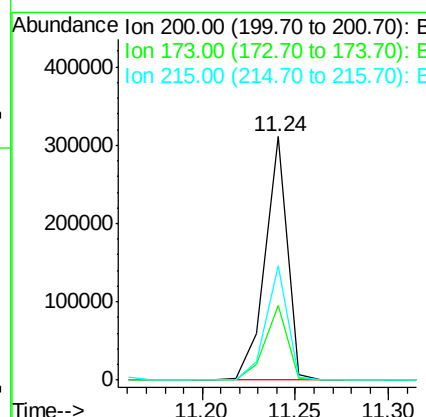
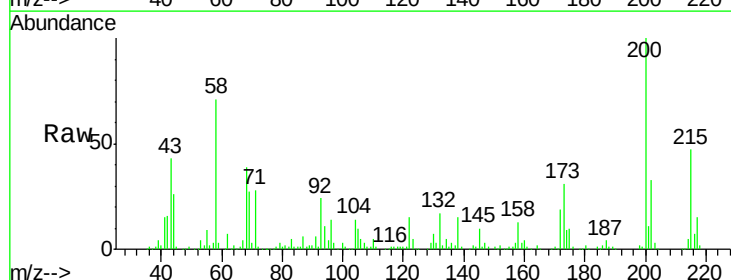
Manual Integrations
APPROVED

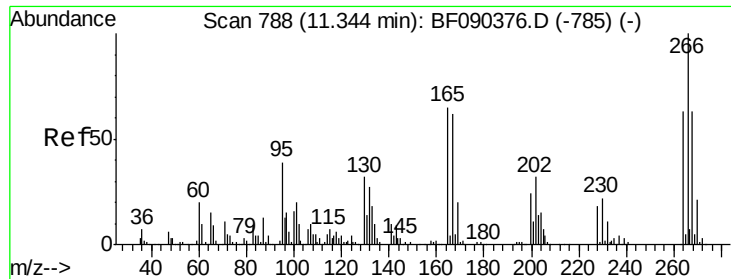
SOHIL
10/6/2016 5:27:10 PM



#68
Atrazine
Concen: 41.35 ng
RT: 11.24 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	260445		
173	30.9	9.0	49.0	
215	46.7	24.8	64.8	





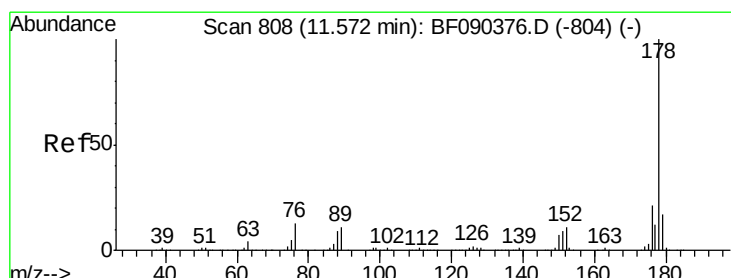
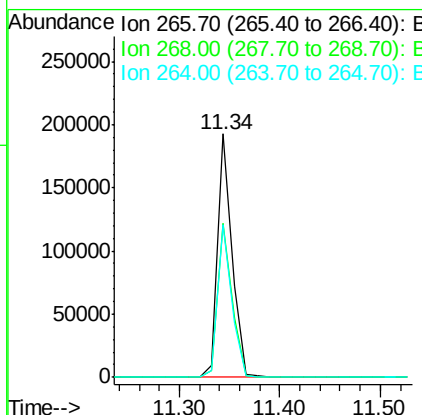
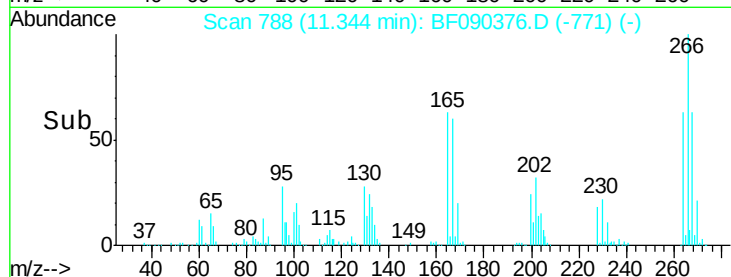
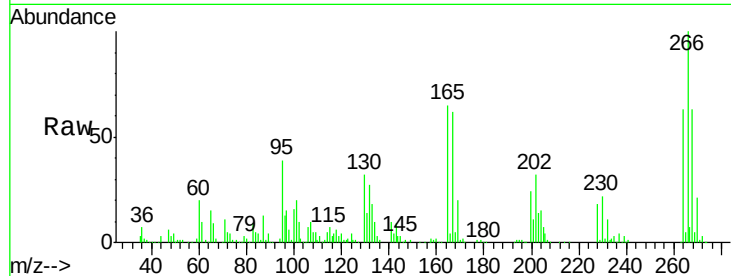
#69
 Pentachlorophenol
 Concen: 34.95 ng
 RT: 11.34 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	50.9	76.3
264	63.0	51.5	77.3

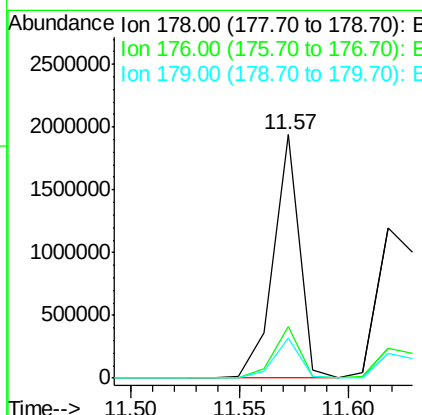
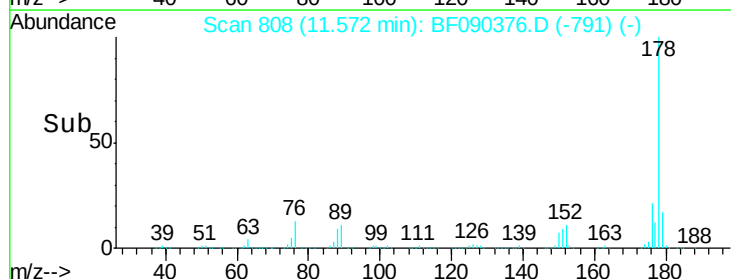
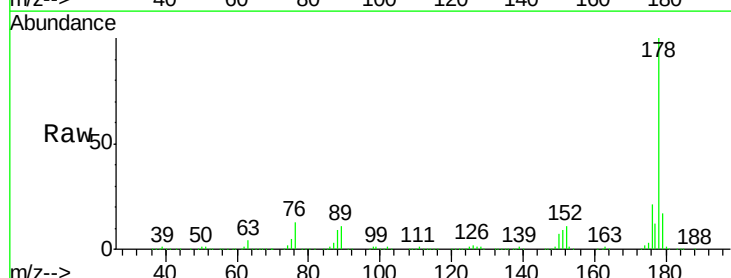
Manual Integrations
 APPROVED

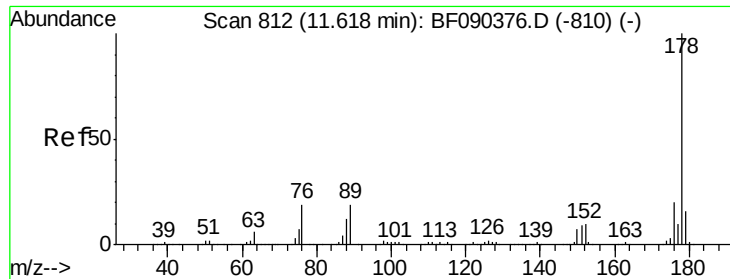
SOHIL
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#70
 Phenanthrene
 Concen: 39.31 ng
 RT: 11.57 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.3	25.9
179	16.7	13.8	20.6





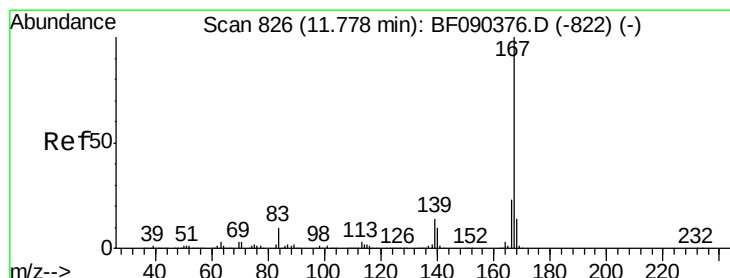
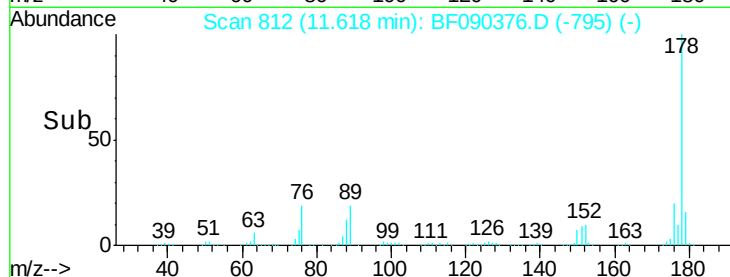
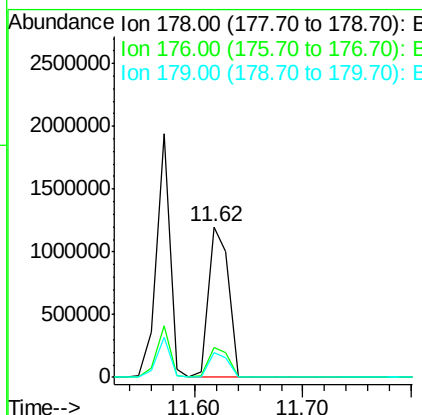
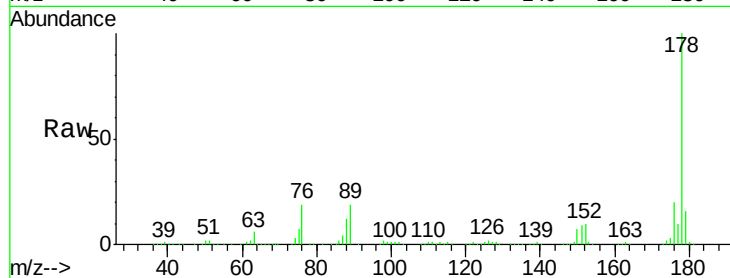
#71
 Anthracene
 Concen: 37.54 ng
 RT: 11.62 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC040

Tot Ion:178 Resp: 1550752
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.8 25.2
 179 16.4 13.4 20.2

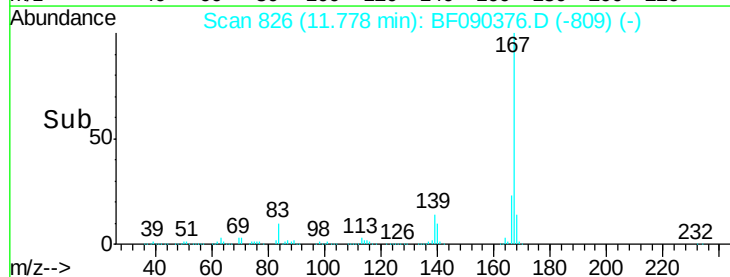
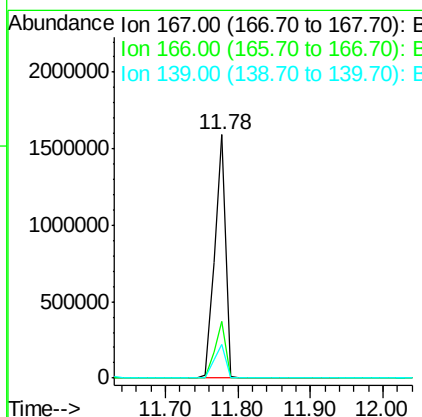
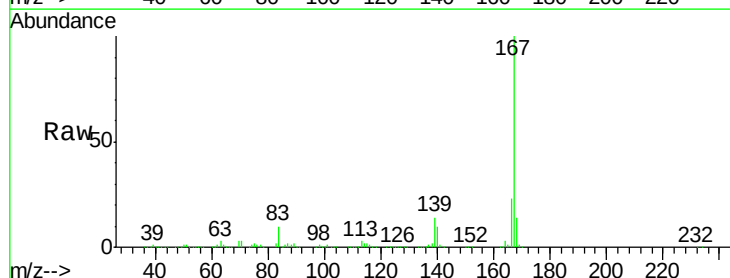
Manual Integrations
 APPROVED

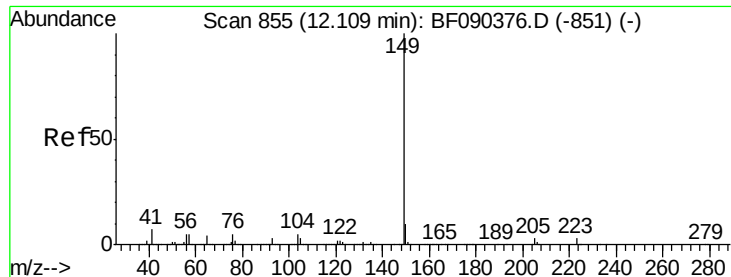
SOHIL
 10/6/2016 5:27:10 PM



#72
 Carbazole
 Concen: 43.25 ng
 RT: 11.78 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Tgt Ion:167 Resp: 1642796
 Ion Ratio Lower Upper
 167 100
 166 23.0 19.1 28.7
 139 13.7 12.1 18.1





#73

Di-n-butylphthalate

Concen: 44.13 ng

RT: 12.11 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 2002892

Ion Ratio Lower Upper

149 100

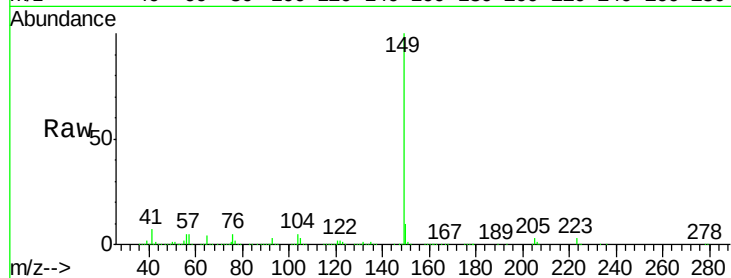
150 10.0 8.6 12.8

104 5.1 4.7 7.1

Manual Integrations
APPROVED

SOHIL

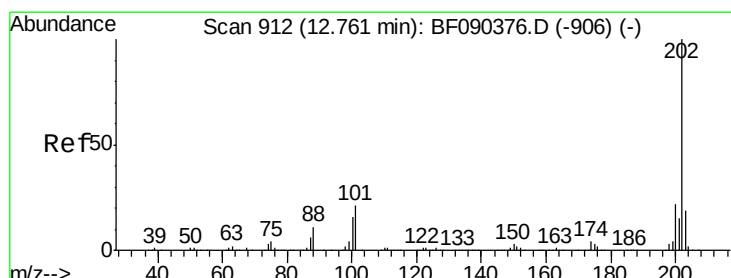
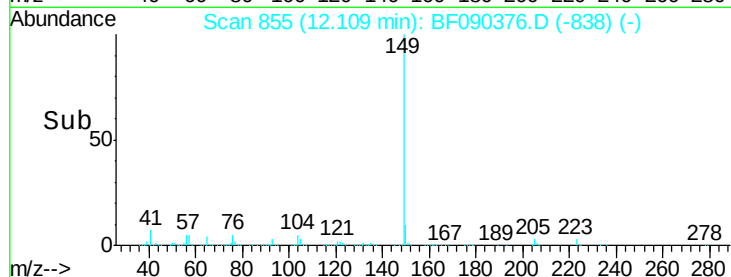
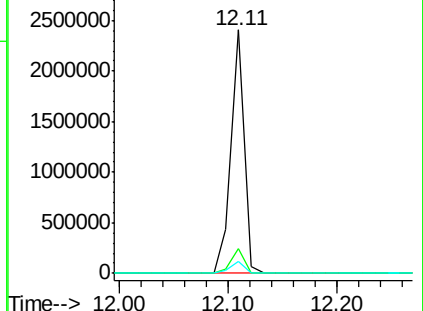
10/6/2016 5:27:10 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.05 ng

RT: 12.76 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

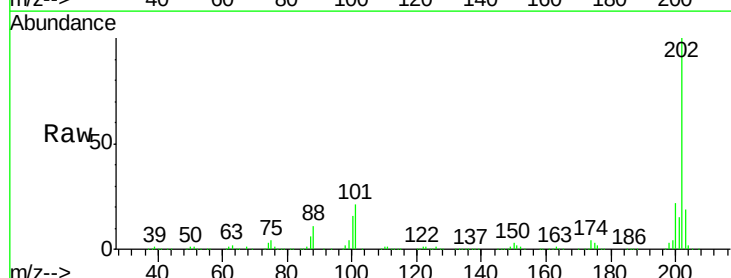
Tgt Ion:202 Resp: 1415300

Ion Ratio Lower Upper

202 100

101 20.7 0.0 37.2

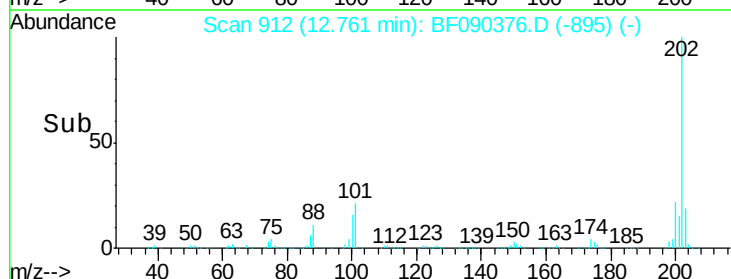
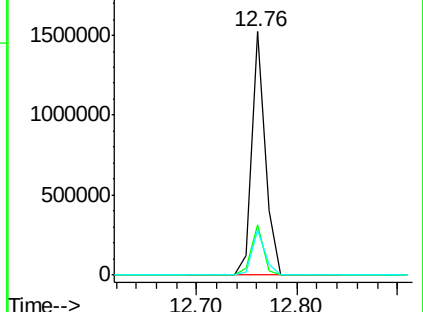
203 18.8 0.0 39.3

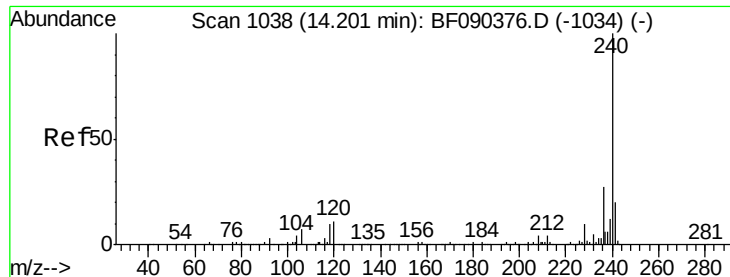


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.20 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Instrument :

BNA_F

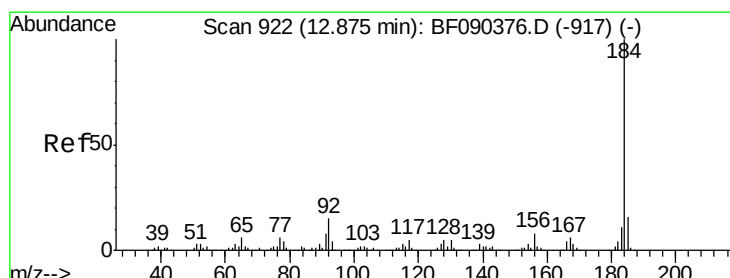
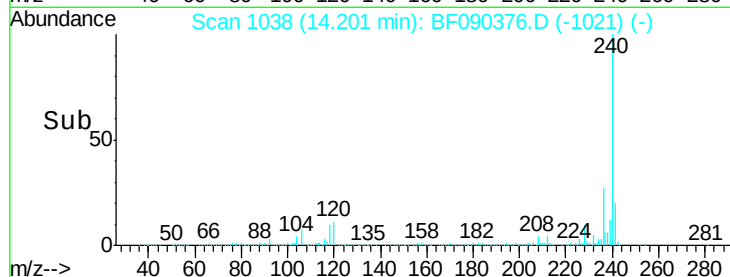
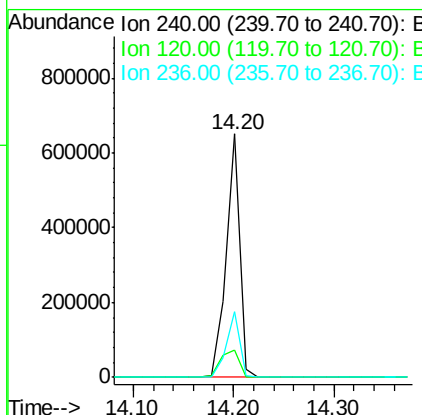
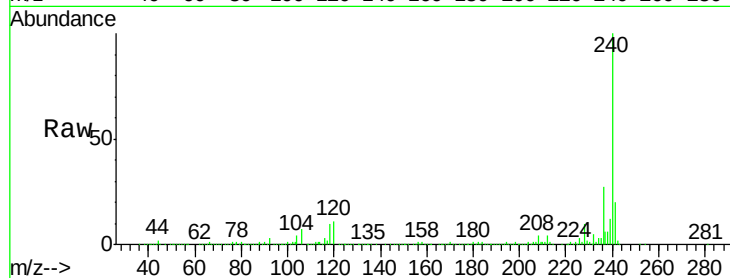
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.6	13.0
236	26.8	21.6	32.4

Manual Integrations
APPROVED

SOHIL
10/6/2016 5:27:10 PM



#76

Benzidine

Concen: 36.72 ng

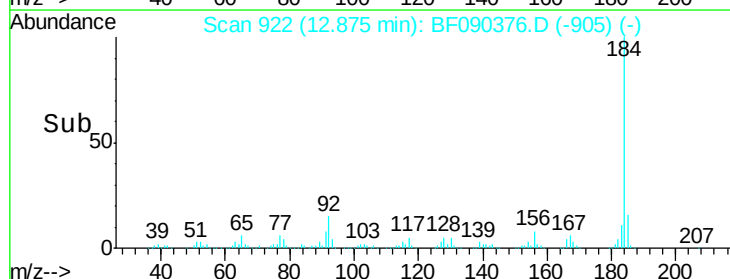
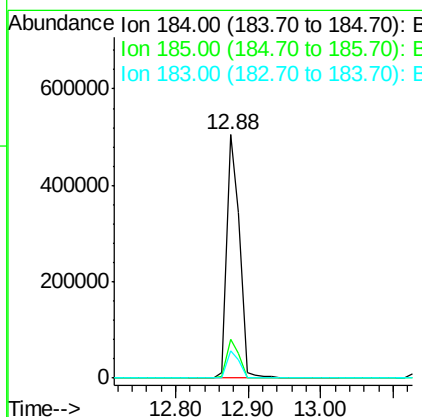
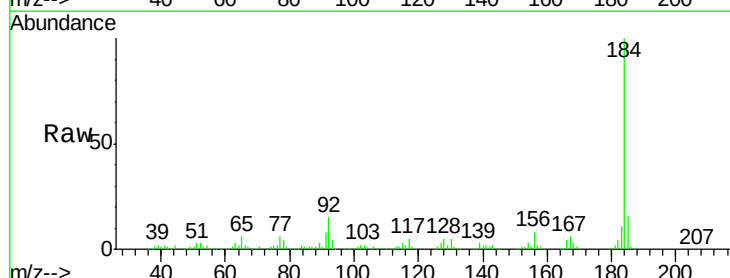
RT: 12.88 min Scan# 922

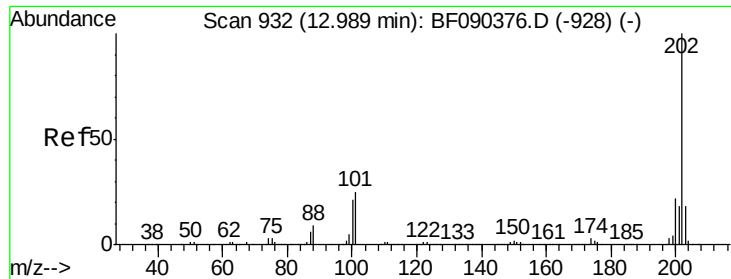
Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
184	100		
185	15.8	11.8	17.8
183	11.4	9.6	14.4





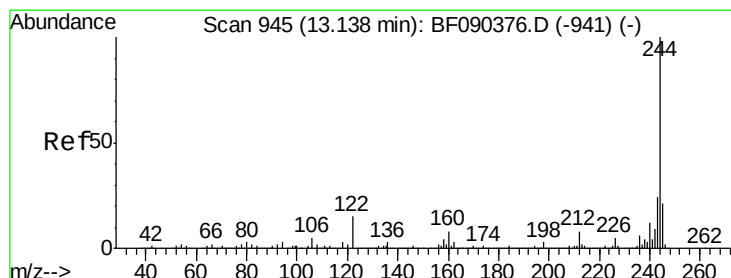
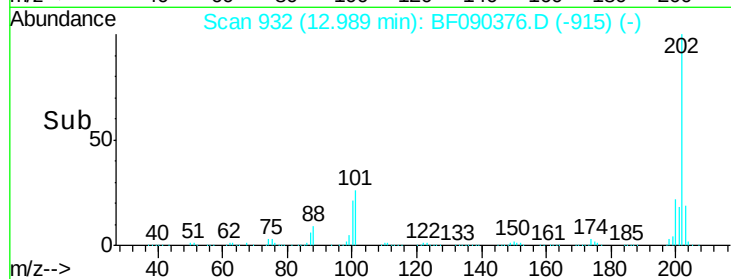
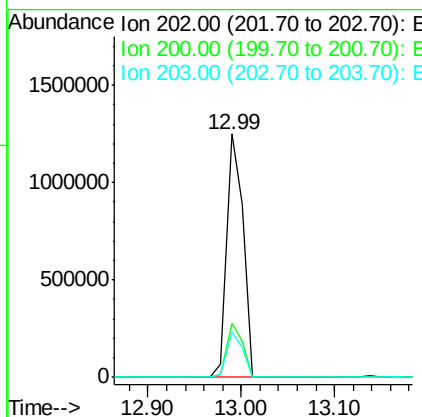
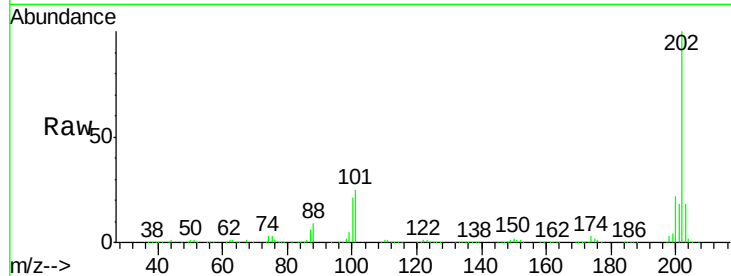
#77
Pvrene
Concen: 39.25 ng
RT: 12.99 min Scan# 932
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.2	18.5	27.7
203	18.5	15.0	22.6

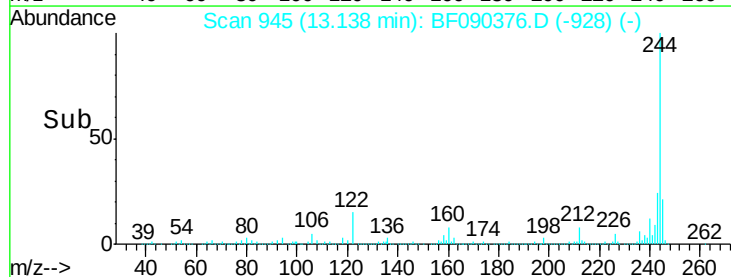
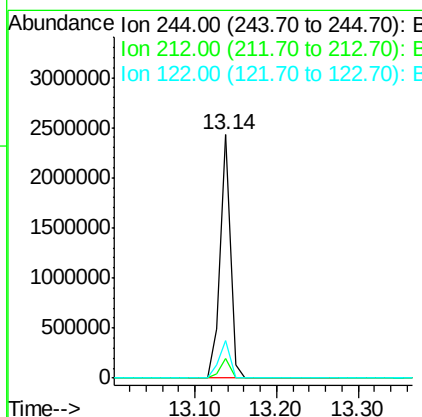
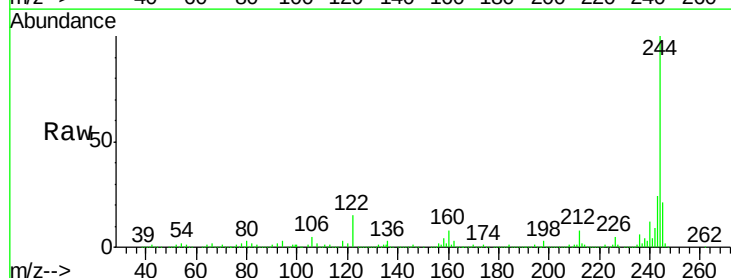
Manual Integrations
APPROVED

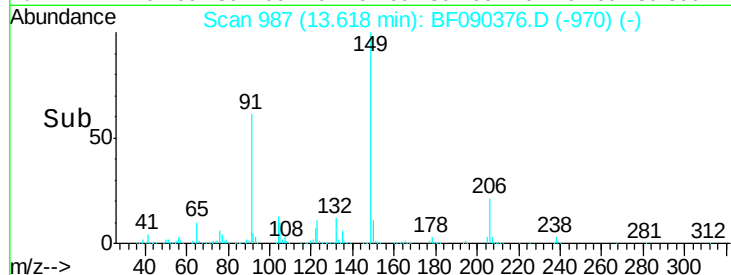
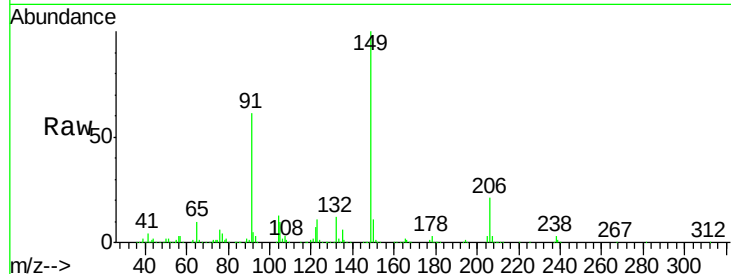
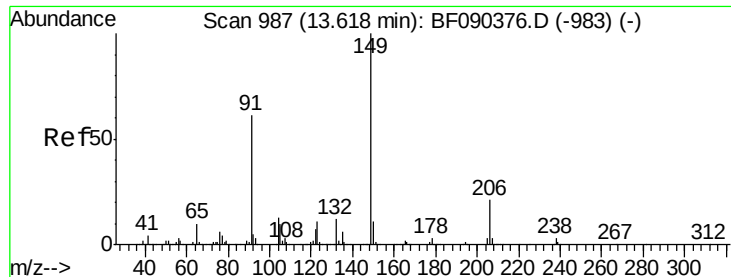
SOHIL
10/6/2016 5:27:10 PM



#78
Terphenyl-d14
Concen: 80.62 ng
RT: 13.14 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.8	10.2
122	15.3	13.3	19.9





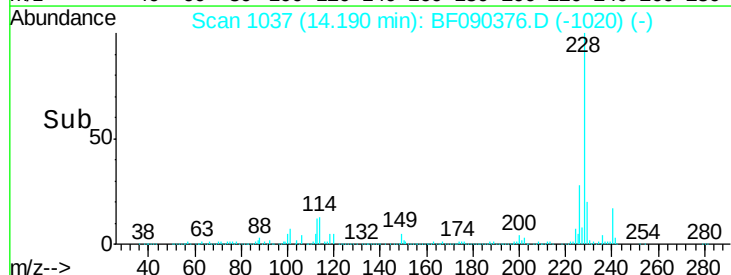
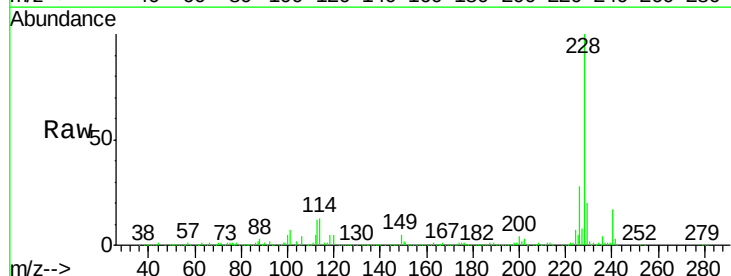
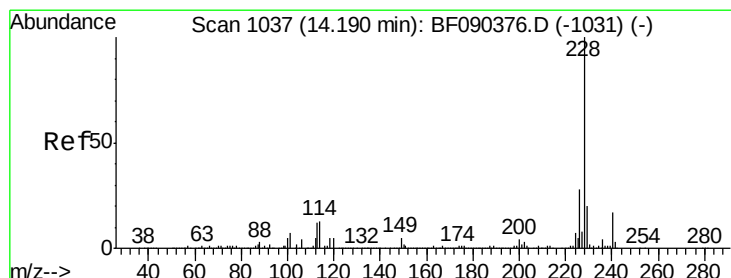
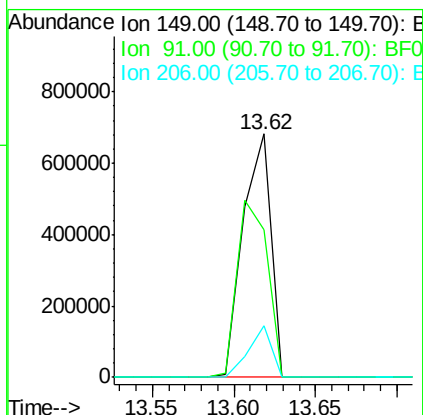
#79
Butylbenzylphthalate
Concen: 52.37 ng
RT: 13.62 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tot Ion	Ratio	Resp	Lower	Upper
149	100	802367		
91	60.8		51.8	77.8
206	21.3		18.0	27.0

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

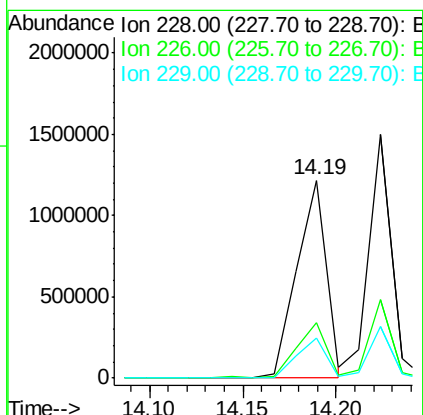
Manual Integrations
APPROVED

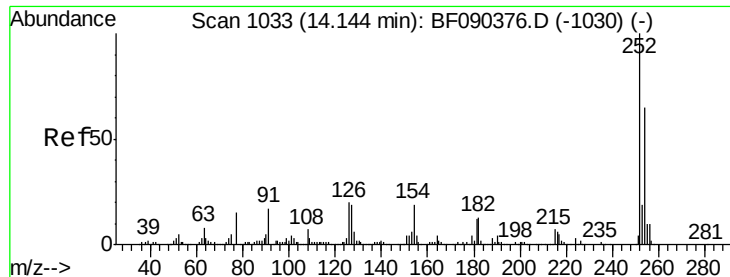
SOHIL
10/6/2016 5:27:10 PM



#80
Benzo(a)anthracene
Concen: 39.61 ng
RT: 14.19 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1348633		
226	28.0		23.6	35.4
229	20.1		16.6	25.0





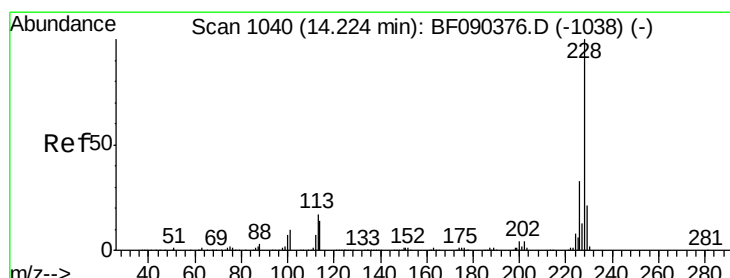
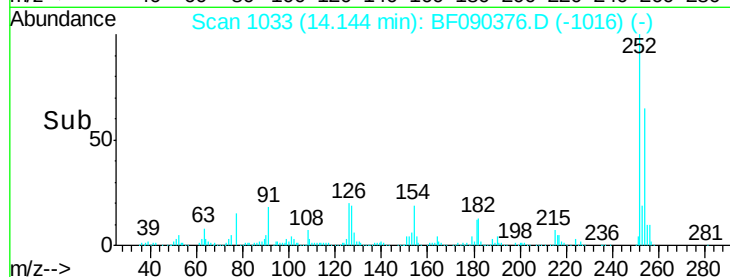
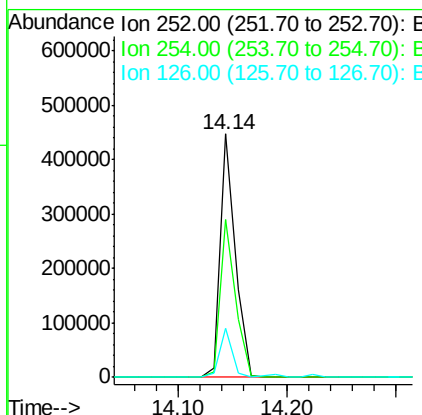
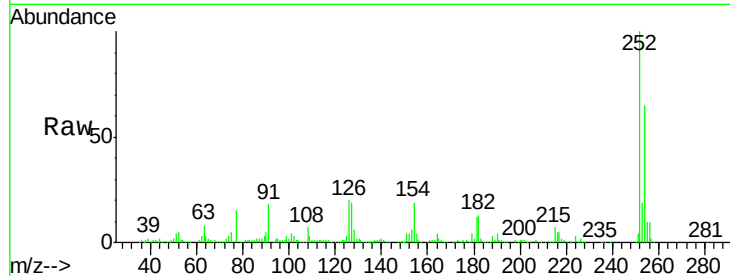
#81
 3,3'-Dichlorobenzidine
 Concen: 37.13 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.1	78.1
126	20.4	4.2	6.4

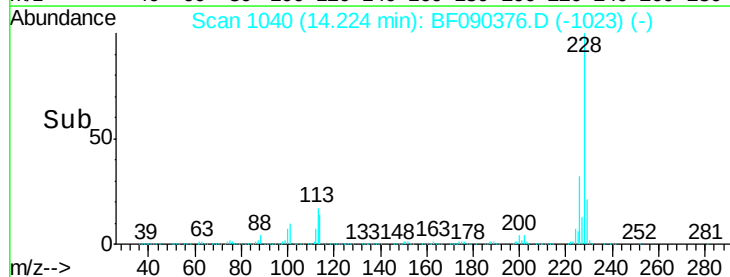
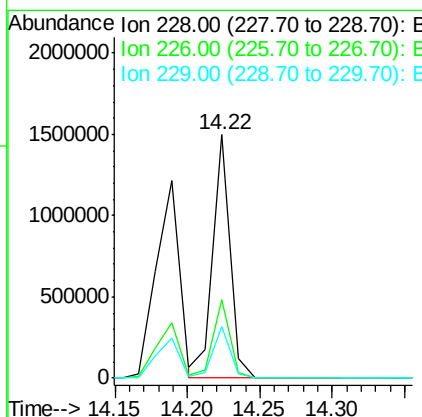
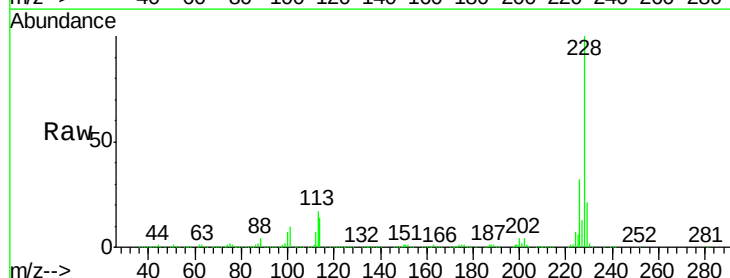
Manual Integrations
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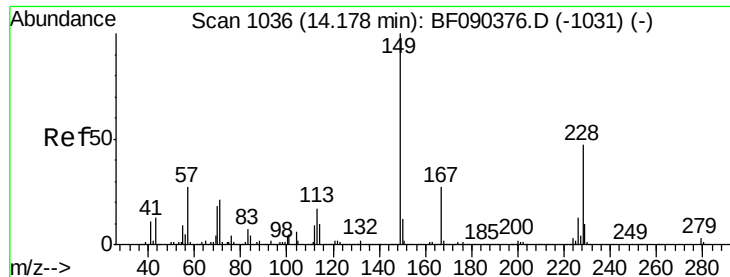
SOHIL
 10/6/2016 5:27:10 PM



#82
 Chrysene
 Concen: 38.89 ng
 RT: 14.22 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	25.8	38.6
229	21.0	16.9	25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.03 ng

RT: 14.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tot Ion:149 Resp: 1201637

Ion Ratio Lower Upper

149 100

167 26.8 21.5 32.3

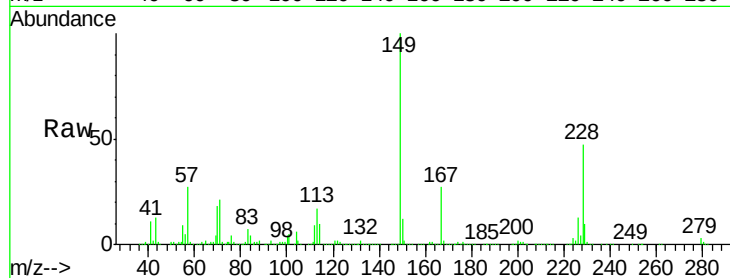
279 2.8 2.6 3.8

Manual Integrations

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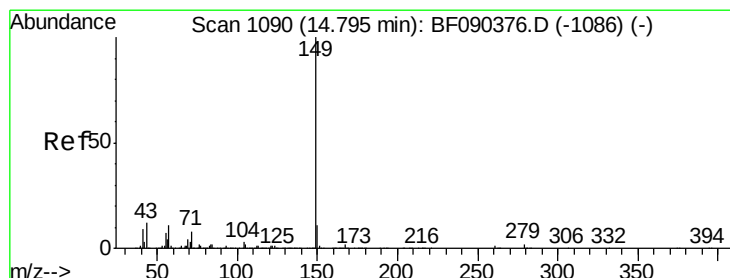
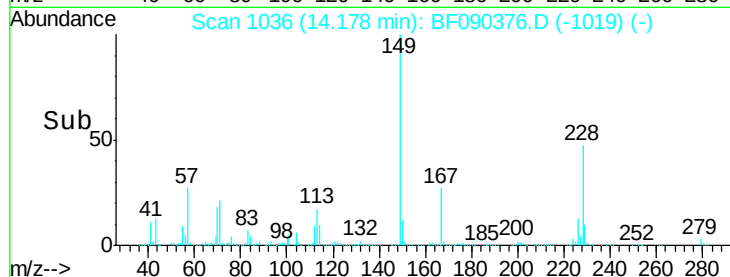
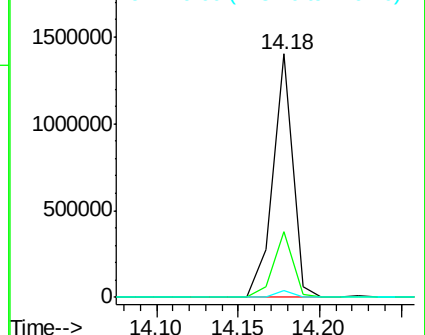
10/6/2016 5:27:10 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 48.57 ng

RT: 14.80 min Scan# 1090

Delta R.T. 0.00 min

Lab File: BF090376.D

Acq: 5 Oct 2016 12:47

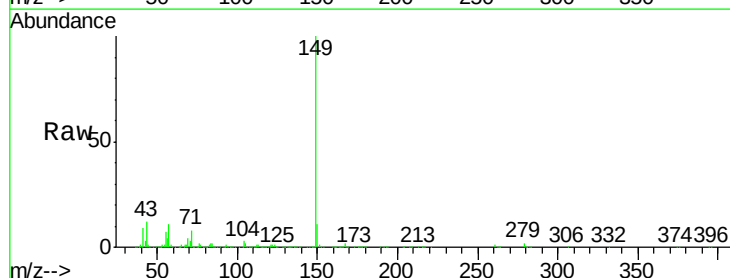
Tgt Ion:149 Resp: 1729706

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

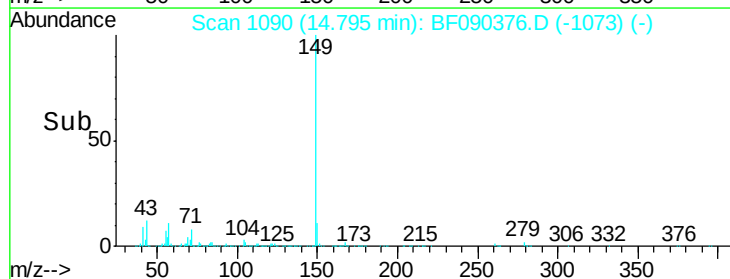
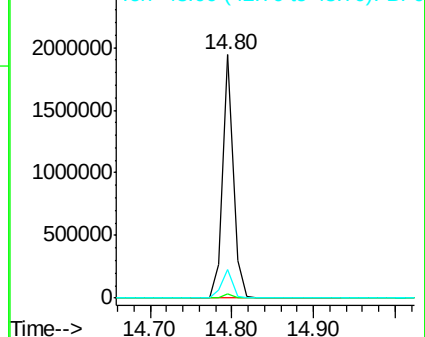
43 12.7 11.8 17.8

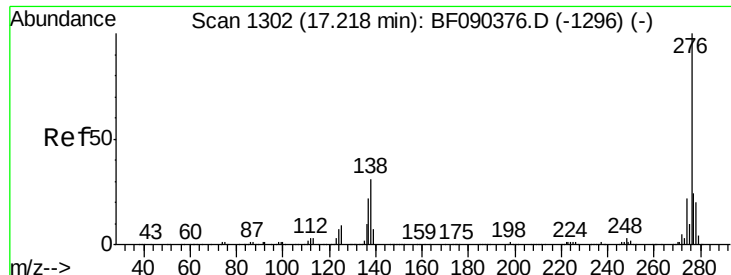


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





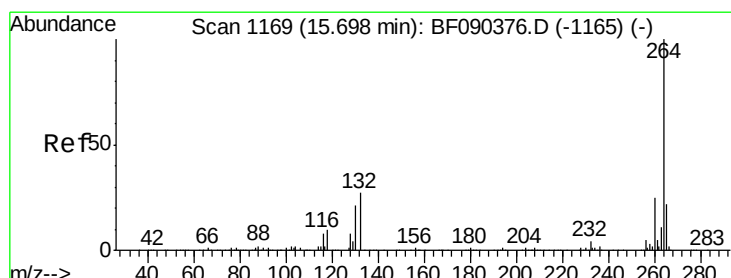
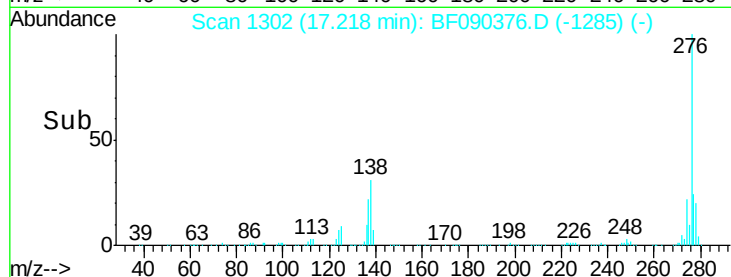
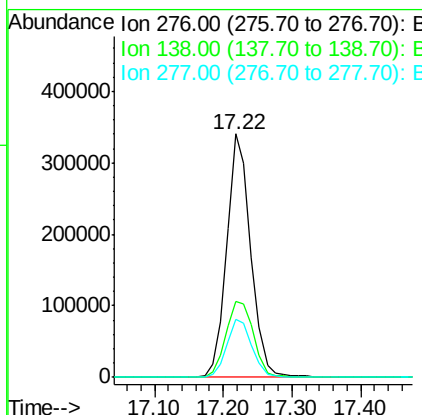
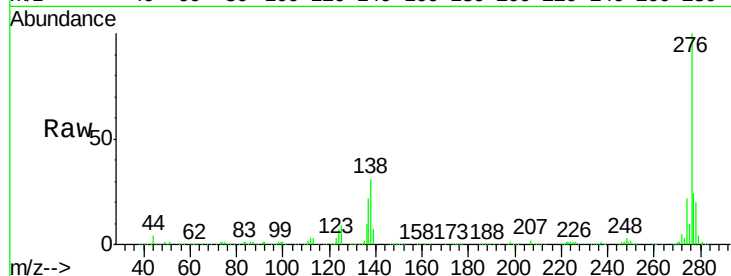
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 24.48 ng
 RT: 17.22 min Scan# 1302
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	36.1	23.8	35.8#
277	25.2	20.4	30.6

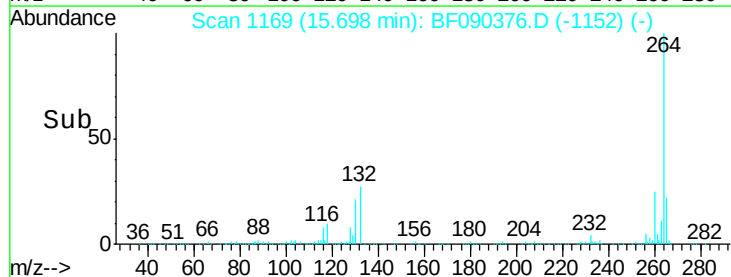
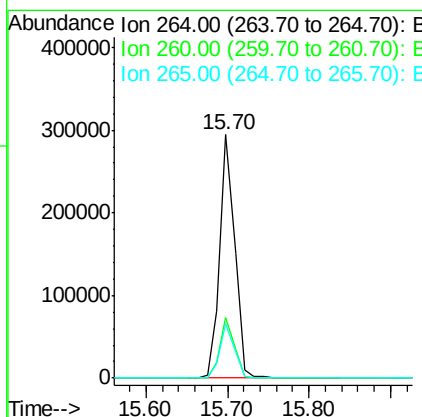
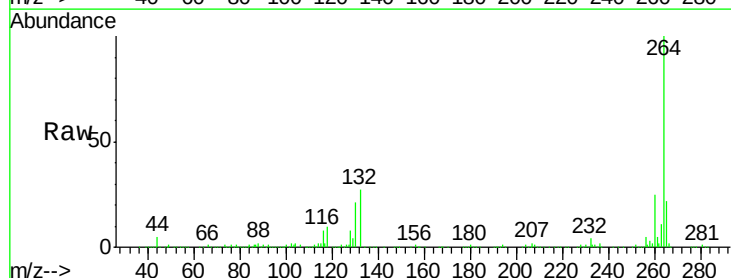
Manual Integrations
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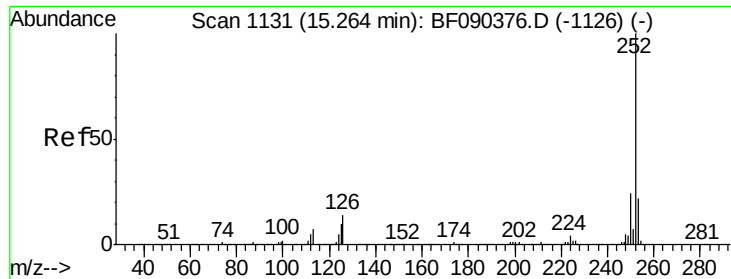
SOHIL
 10/6/2016 5:27:10 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	22.2	17.4	26.0





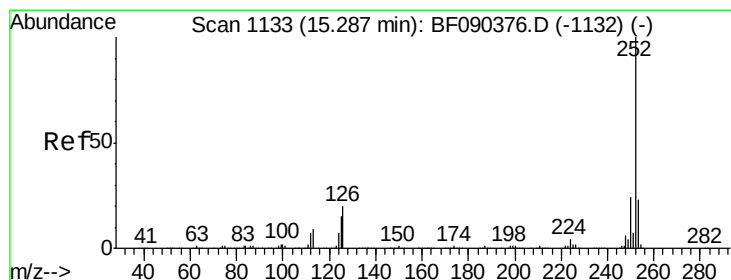
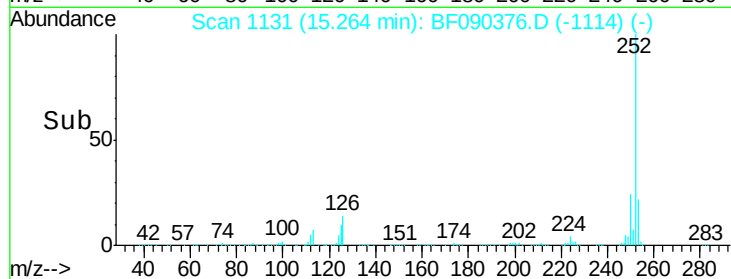
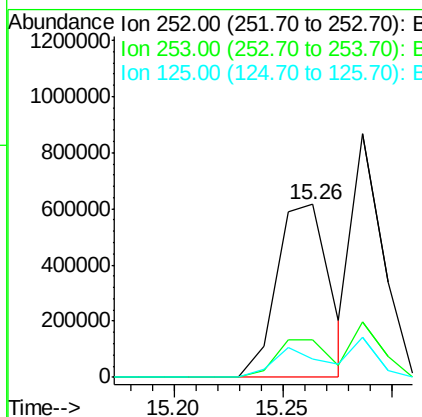
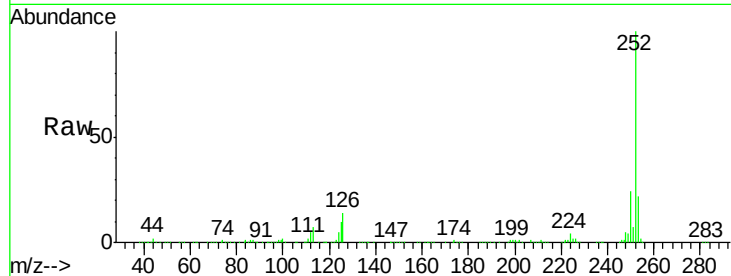
#87
Benzo(b)fluoranthene
Concen: 48.54 ng
RT: 15.26 min Scan# 1131
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.2	27.2
125	10.3	7.0	10.4

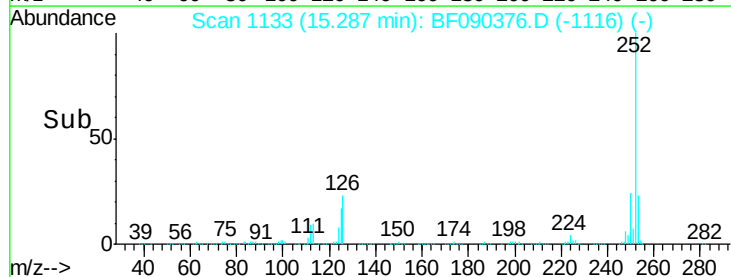
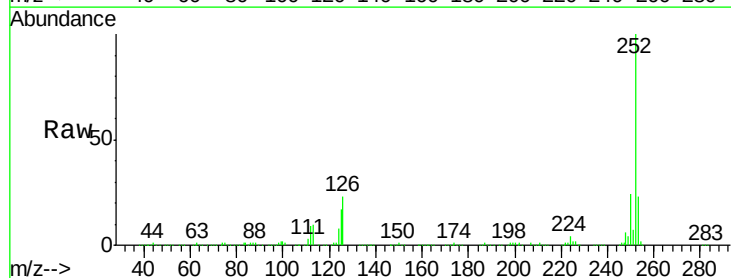
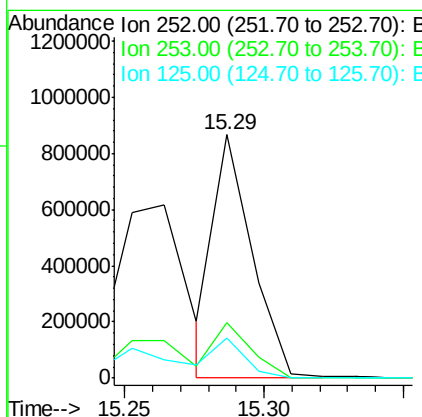
Manual Integrations
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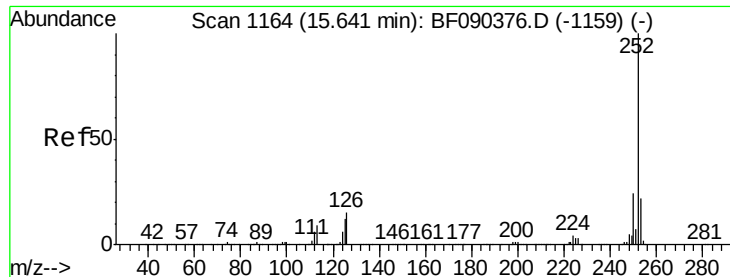
SOHIL
10/6/2016 5:27:10 PM



#88
Benzo(k)fluoranthene
Concen: 41.00 ng m
RT: 15.29 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.6	27.8
125	16.7	11.7	17.5





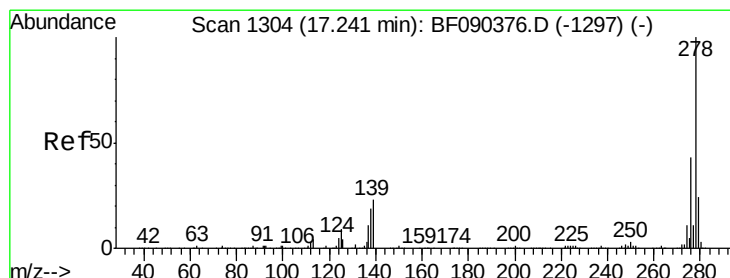
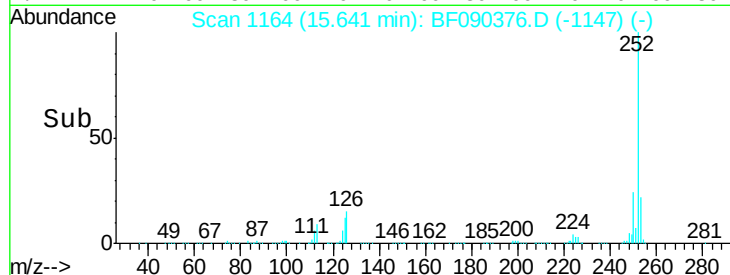
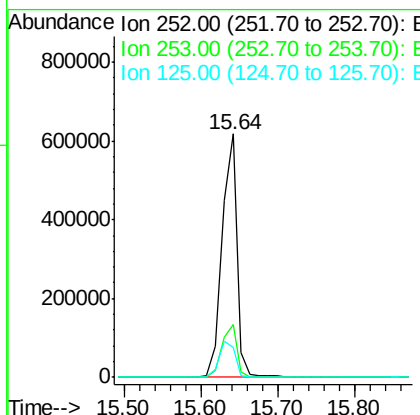
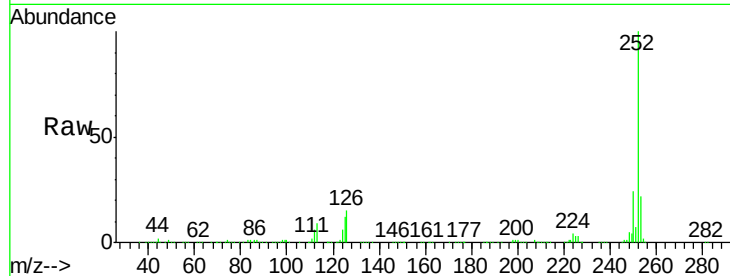
#89
Benzo(a)pyrene
Concen: 43.39 ng
RT: 15.64 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	12.4	9.8	14.8

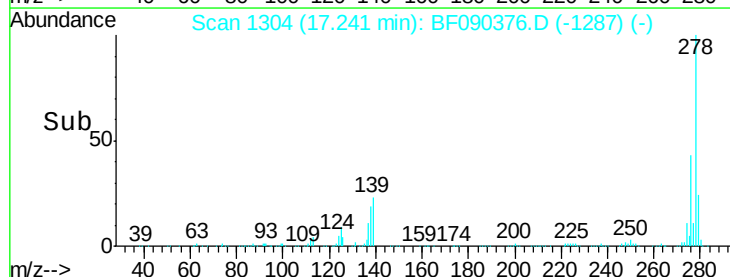
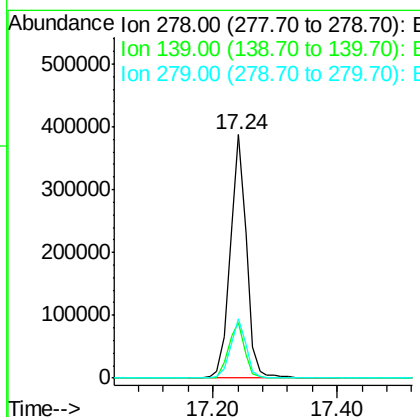
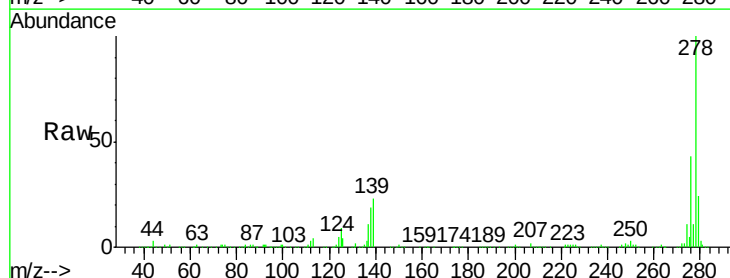
Manual Integrations
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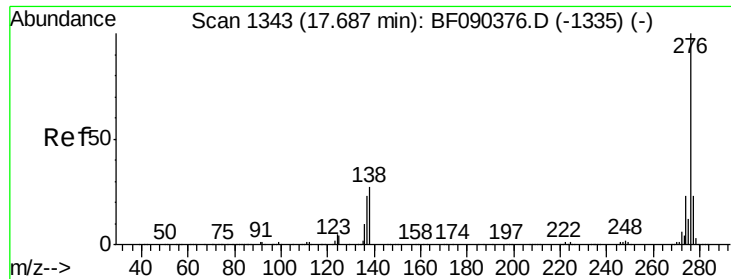
SOHIL
10/6/2016 5:27:10 PM



#90
Dibenzo(a,h)anthracene
Concen: 36.66 ng
RT: 17.24 min Scan# 1304
Delta R.T. 0.00 min
Lab File: BF090376.D
Acq: 5 Oct 2016 12:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.8	12.8	19.2#
279	24.3	19.6	29.4





#91
 Benzo(a,h,i)perylene
 Concen: 35.76 ng
 RT: 17.69 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF090376.D
 Acq: 5 Oct 2016 12:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	27.0	20.8	31.2

Manual Integrations
 APPROVED

SOHIL
 10/6/2016 5:27:10 PM

